REF DOC 3
SOILS REPORT

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November 30, 2018

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REF DOC 3 – SOILS REPORT
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END OF SECTION

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
3911 Fish Hatchery Road
Fitchburg WI 53711-5397

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

May 7, 2015

Mr. Dave Nelsen
Project Manager
Ruedebusch Development & Construction, Inc.
4605 Dovetail Drive
Madison, WI 53704

Subject: Former Royster Clark Site, 902 Dempsey Road, Madison, WI
BRRTs # 03-13-000507 and 06-13-550137
SOIL MANAGEMENT PLAN – Lots 1-5 APPROVAL

Dear Mr. Nelsen:

The Department received a Royster Clark Revised Soil Management Plan prepared by Ruedebusch Development and Construction Inc. (RDC) and dated May 4, 2015. The Plan was received via email on May 5, 2015.

I have reviewed the Plan which provides a proposal for managing contaminated soil at various portions of the former Royster site properties designated as Lots 1-5. (Note that the soil on Lot 5 is the stockpiled soil that was removed previously from Lot 6 in accordance with approved practices.) The soil would be managed for the purpose of preparing the site prior to development activities. This determination pertains to the shaded area described in Figure 1 Location of Lots 1-5 and shown in more detail on Figure 2 Proposed Development Plan (attached). If contaminated soils are intended to be encountered in areas of the property outside of the shaded area, additional soil management plans should be submitted. The details of the Plan and the proposal for managing contaminated soil include the following:

- Contaminated fill will be managed by relocating it in the area of Lots 1-5 as part of site development. The relocated soils will be capped as part of the development. If there is an excess of soils in Lots 1-5 they will be transported to an area described as the 'new south bound ramps' of the State Highway 51/Cottage Grove Road interchange as already discussed with the WI DNR and WI DOT representatives;

- As required by site topography in Lots 1-5, areas will be filled with onsite soil that was excavated from below pre-imported fill levels. Sand used as fill of the former fertilizer plant area may be mined for use elsewhere on site. The soils were excavated during the pond and road construction activities conducted in the fall of 2014. This material is currently stockpiled at the east end of the Royster Corners site along Dempsey Road; and

- A report on the soils management/movement activities will be submitted to the Department upon completion of the task.

The plan proposed to manage imported fill from the Monona Drive Project in the area of Lots 1-5 by capping the material with a building, parking lot with gravel base and impervious surface, or a minimum of six inches of soil in the size limited landscaped areas. The landscaped areas will be maintained and any future excavation would require prior written approval. The area of Lots 1-5 are still managed under the Remediation and Redevelopment Program. When a determination for the area of Lots 1-5 is made for 'no further site investigation or remediation' there is anticipated to be a continuing obligation of a cap and maintenance plan that will be discussed in the 'closure' letter.

The plan proposed to import crushed rock (breaker run, 3-4 inch sized material) from a facility at Jupiter Drive and North Star Drive, Madison, WI. The breaker rock is to be used as road and parking lot base materials in Lots 1-5.

The proposal for managing soils, as outlined in the Plan, is acceptable to the Department. While there may be other methods to address the contamination, given the circumstances of this project and the need and desire to address contamination in a manner that follows administrative code and Department guidelines, the proposed method set forth in the Plan is acceptable to the Department.

The Department expects that, as indicated in the Plan, individuals involved with implementing this soil management plan will be actively involved at the properties during the work activities to make appropriate in-field determinations regarding the status of soils that are being handled or removed.

If problems or questions arise that cause a deviation from the plan activities, the Department should be contacted as soon as practicable. If you have any questions regarding this correspondence, please contact me at (608) 275-3297.

Sincerely,

Wendell Wojner
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Rick Graham WI DATCP, 2811 Agriculture Drive, Madison, WI 53718
Michael Prager, RR/5

SOIL MANAGEMENT PLAN
LOTS 1-5
ROYSTER CORNERS

FORMER ROYSTER-CLARK FACILTIY
902 DEMPSEY ROAD, MADISON, WI

DATCP NO. 02402110601
BRRTS NOS. 02-13-547242, 06-13-550137 AND 06-13-561159

PREPARED FOR:
RDC DEVELOPMENT, LLC
4605 DOVETAIL DR.
MADISON, WI

PREPARED BY:
RUEDEBUSCH DEVELOPMENT & CONSTRUCTION, INC.
4605 DOVETAIL DR.
MADISON, WI

May 4, 2015

1.0 INTRODUCTION

In late 2011, RDC Development, LLC (RDC Development) purchased the former fertilizer plant located at the NW corner of Cottage Grove Road and Dempsey Road from Agrium US, Inc. The existing facility was torn down and the site was remediated during the first half of 2013. Ground water monitoring was completed in 2014.

During this period, the site was approved as a fill site for materials excavated from the Monona Drive Reconstruction Project located just west of the site. Fill was brought onto the site in 2013 and 2014 from the Monona Drive project. This fill was later to be found to have constituents of concern (CoC) in excess of allowable limits.

RDC Development, LLC has prepared a plan to develop lots 1-5 for commercial uses, See **Figure 1** for location of Lots 1-5 and **Figure 2** for the proposed development plan. Currently we anticipate starting on construction of buildings on lots 2, 3 and 4 this summer, with lots 1 and 5 beginning yet this year or next.

Ruedebusch Development & Construction, Inc. (RDC), on behalf of RDC Development has prepared the following Soil Management Plan (SMP) for handling the existing fill material imported from the Monona Drive Reconstruction project currently on Lots 1-5. The SMP was prepared in accordance Chapter NR 718 of the Wisconsin Administrative Code following submittal of the Closure Assessment Report to the Wisconsin Department of Natural Resources (WDNR) on September 4, 2014. This report includes the engineering specifications for the removal of the fill soil that was placed on the lots mentioned above in 2012 and 2013 based on the known environmental conditions.

2.0 SOIL MANAGEMENT ACTIVITIES

The concentrations of constituents of concern (CoC's) identified in the subsurface have been compared to the WDNR standards in Chapter NR 720 of the Wisconsin Administrative Code and it has been determined that there are areas on the Site which that represent a potential threat to human health and/or the environment. Imported fill materials from the Monona Drive Project are located on the lots noted above. This fill was placed onsite in 2012 and 2013 following completion of the remediation activities. The location and depth of the imported fill material on these lots can be determined by comparing the post-remedial and post-fill topographic surveys. These surveys are included as **Figures 4 and 5**, respectively.

The soil management plan will be implemented in the removal/relocation of the imported fill materials in the development area shown in **Figure 2.** The goals of this SMP are to provide appropriate procedures for handling and placement of the fill materials on the lots noted above.

This SMP is a site-specific management plan and should be referred to during the removal/relocation and placement activities to ensure the proper handling and disposition of the imported fill materials encountered.

2.1 Soil Management

The imported fill materials identified on the aforementioned lots may have CoC's that exceed the site-specific standards and/or the WDNR direct contact standards and therefore may represent a threat to human health or the environment. The CoC's generally are non-mobile, have a high affinity to adsorb to the soil particles and natural organic carbon.

Existing imported fill materials on lots 1-5, which may contain the CoC's mentioned above, will be dealt with in one of three ways:

1. Relocating it within Lots 1-5 as part of the site development and capping it as part of the development.
2. Excavation and removal to the stockpile of soil on lot 5 which will be hauled to the Cottage Grove Road/Stoughton Road Interchange where it will be incorporated into the new ramp construction.
3. Sand used to fill the excavation created when the former fertilizer plant was demolished may be mined for use elsewhere on site. The sand will be replaced with the imported fill material. This will then be capped by the future development.

Upon completion of the development, the existing imported fill material from the Monona Dr. Project will be capped using one of the following options:

1. A building will be constructed over the fill material. The building floor slab will act as the cap.
2. A parking lot with gravel base and concrete or asphalt surfacing will be constructed over the imported fill to serve as the cap.
3. Landscaped areas within the development area will have a minimum of 6" of topsoil and will be planted as the lots develop. Maintenance of the landscaped areas and future excavation within the landscaped areas will be limited and require authorization of the Owner.

As part of this SMP, we plan to obtain crushed stone breaker run that can be used as base under roads. This material is coming from a parcel located at the NW corner of Jupiter Drive and North Star Drive in Madison Wisconsin, see **Figure 3**. This location was the site of a convent for the Sisters of Mary until the late 1990's/ early 2000's when the property was developed for residential use. A Phase 1 prepared for the site indicated that there is no evidence of REC's, CREC's HREC's or VEC's in connection with this property. A copy of this report is included as a part of this plan. The development of this property will require the removal of approximately 3,500 tons of rock. The rock is to be crushed into breaker run, 3-4"(-) sized material. RDC Development, LLC is proposing to be use this breaker run as base under the roads and parking lots in the commercial development of Lots 1-

5 at Royster Corners. Based on the Phase I report and the fact that rock cannot be tested for CoC's due to its nature, this material should not present a concern for use on this site. Initially the breaker run will be stockpiled at the north end of Lot 2 until the roads have been cut to grade, at which time the base will be moved to the roadway locations.

The proper storage, treatment or disposal of the soil shall be in accordance with Chapter NR 718 of the Wisconsin Administrative Code. Current and future owners of the property and easements need to be made aware that excavation of the contaminated soil may pose an inhalation or direct contact hazard. Special precautions may need to be taken during the excavation activities to prevent health threat to humans.

3.0 CONCLUSIONS

No further exploration or sampling is considered warranted prior to the removal/relocation of the previously imported fill materials. The location and depth of the imported fill material has been identified. The affected soils will be removed from the site or relocated on site and all existing imported fill on these lots will be capped upon completion of the development.

These soil handling procedures will be coordinated and implemented between the site contractor and Ruedebusch Development & Construction.

FIGURE 1 LOCATION OF LOTS 1-5

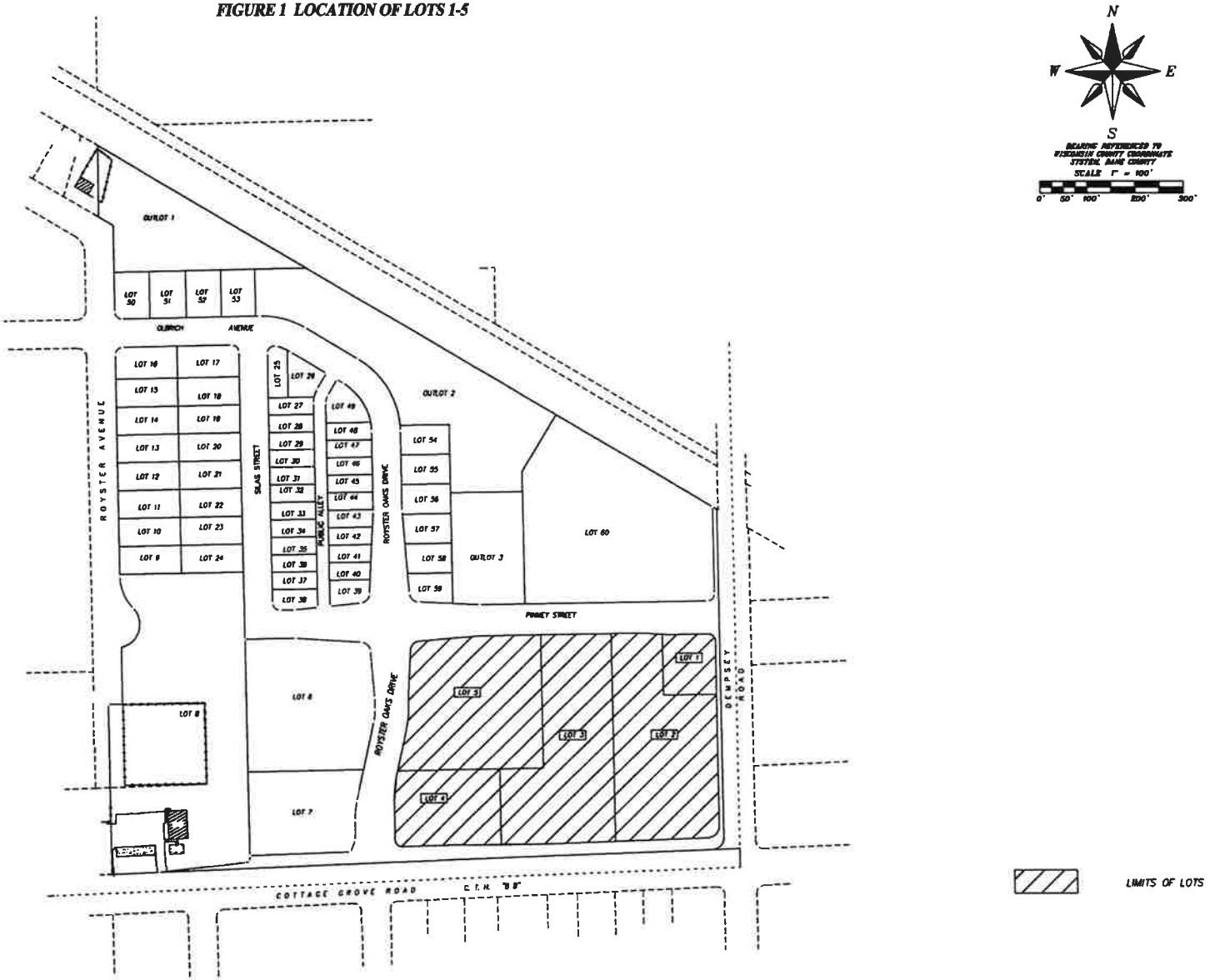


FIGURE 2 PROPOSED DEVELOPMENT PLAN

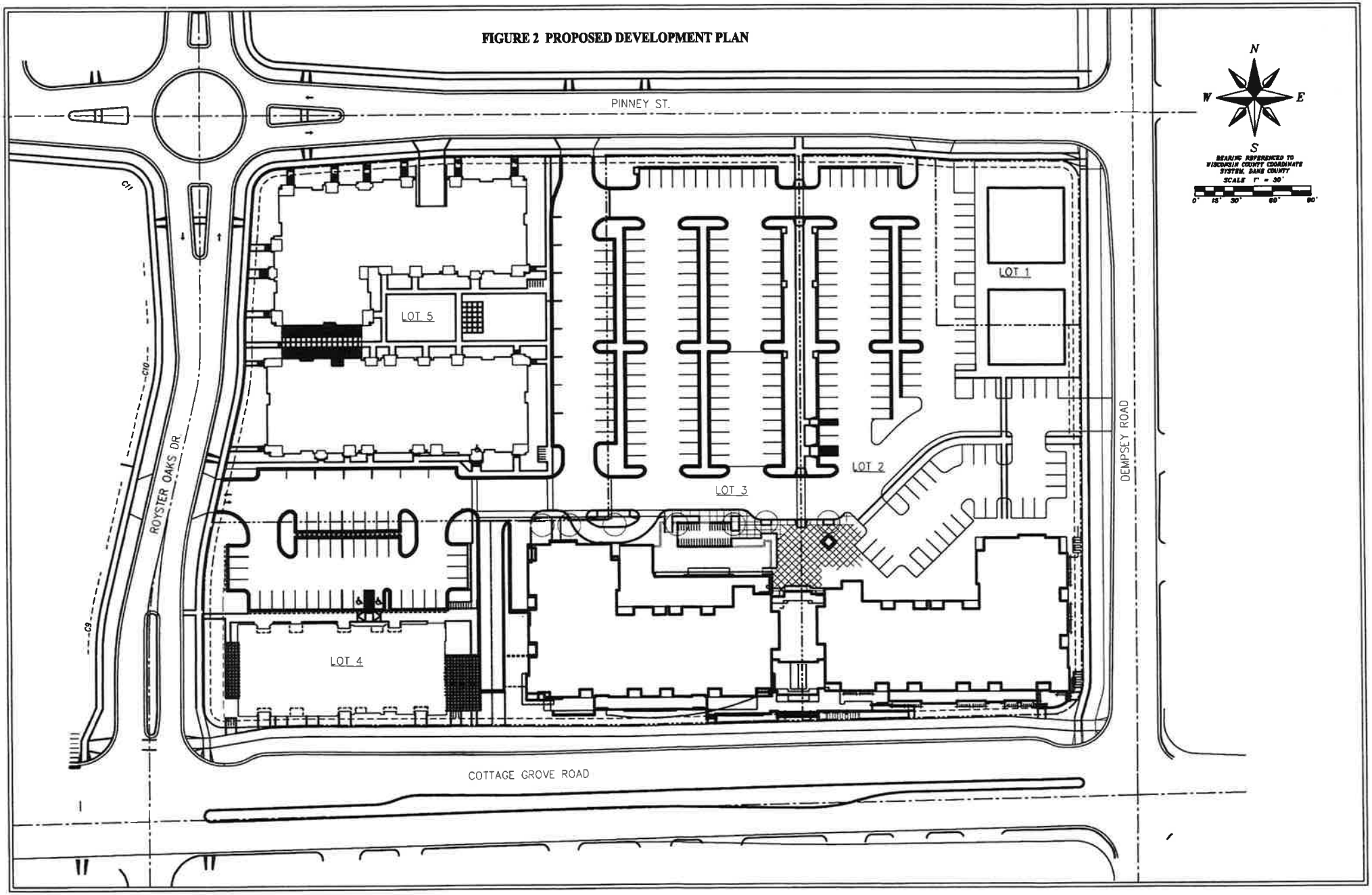


FIGURE 3 BREAKER RUN BORROW LOCATION

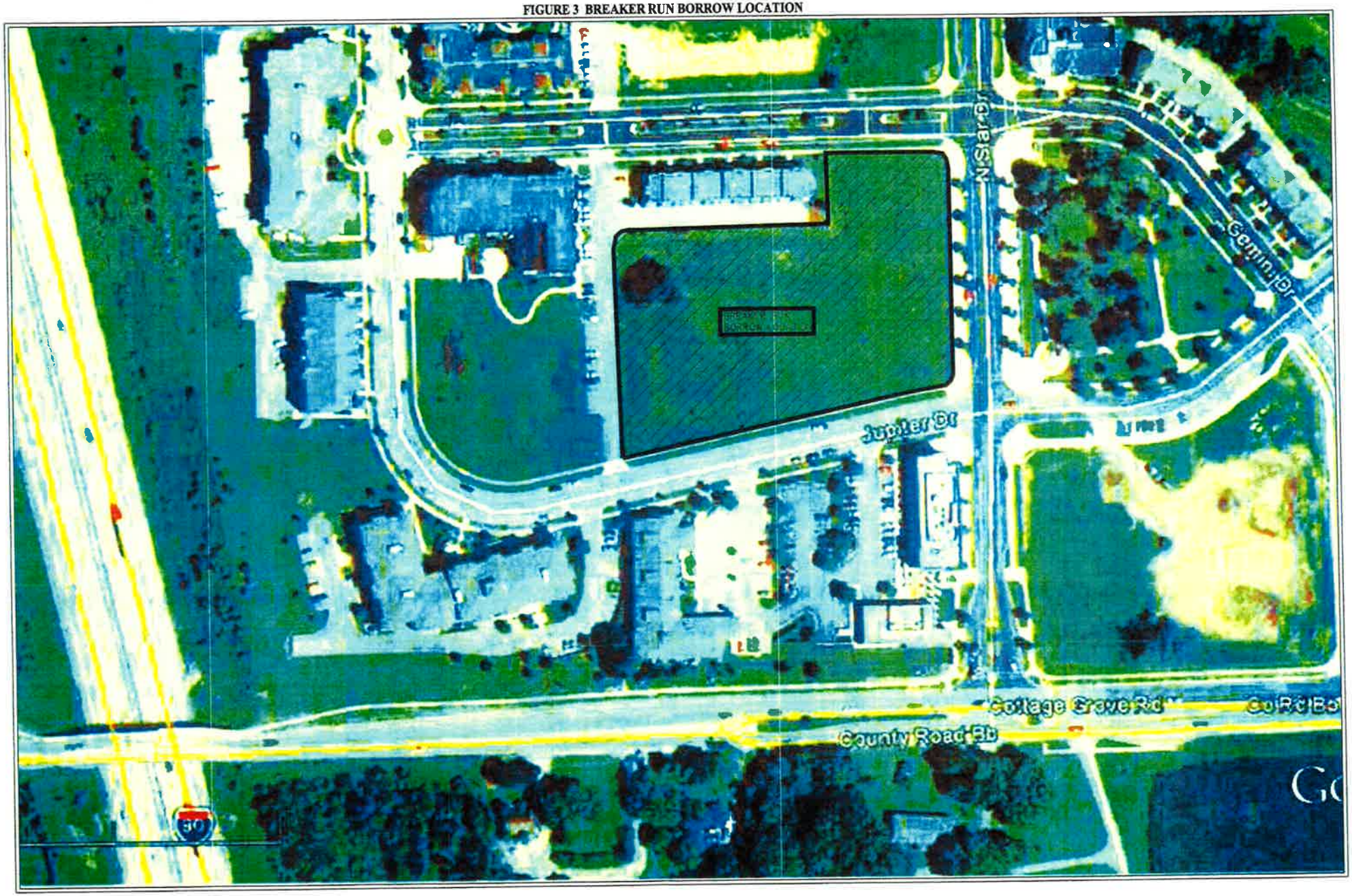
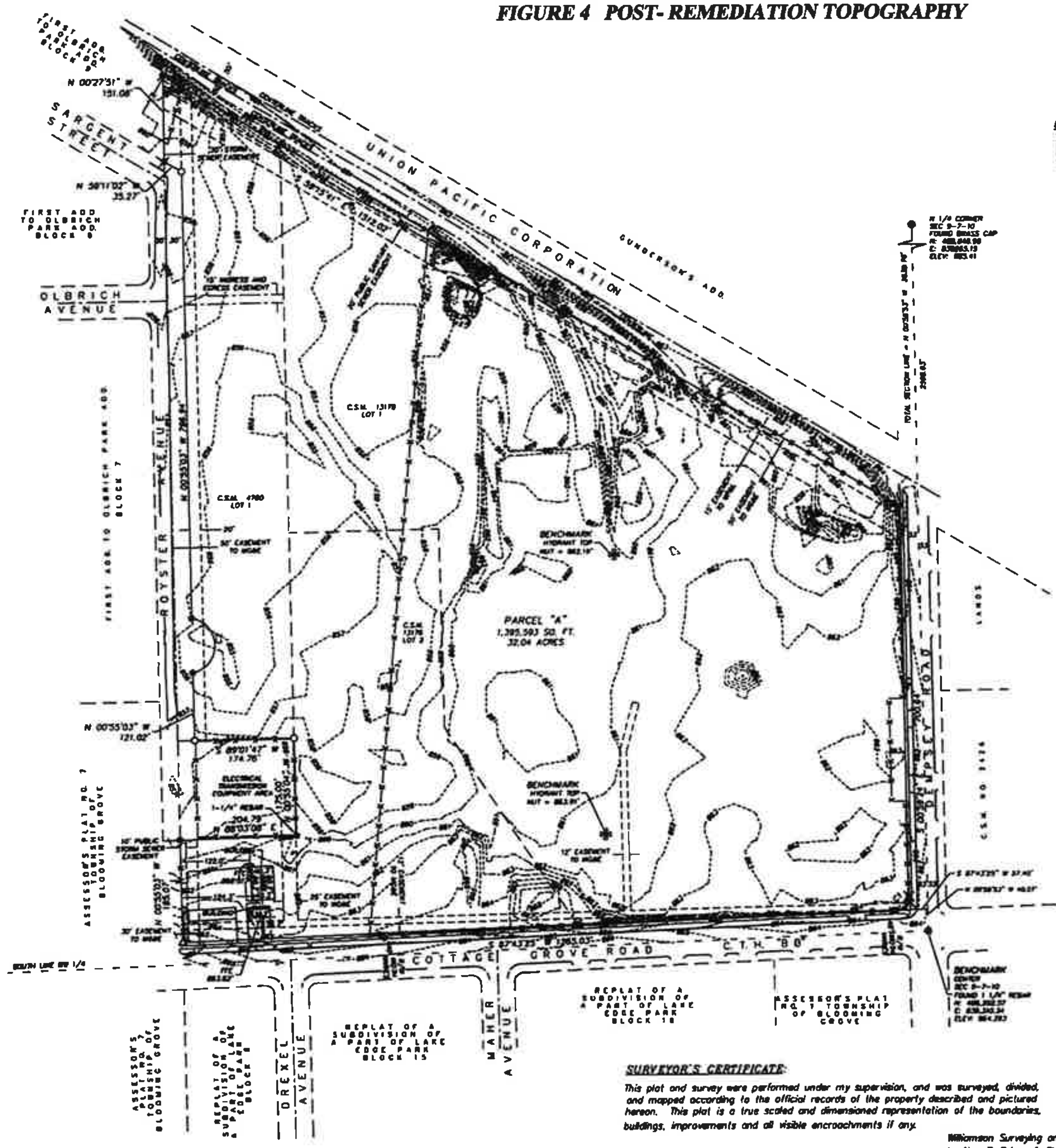
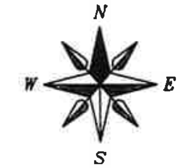


FIGURE 4 POST- REMEDIATION TOPOGRAPHY





BEARING REFERENCED TO WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY

SCALE 1" = 100'

0' 50' 100' 200' 300'

CURVE TABLE:

C#	RADIUS	CHORD BEARING	CHORD DISTANCE
C1	25.00	S 43°27'37" W	34.98
C2	50.00	N 00°55'03" W	97.98

DESCRIPTION PARCEL "A":

A PARCEL OF LAND BEING ALL OF C.S.M. NO. 13176 AND PART OF LOT 1, C.S.M. NO. 4780, LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTH 1/4 CORNER OF SAID SECTION 9; THENCE ALONG THE EAST LINE OF SAID NW 1/4, N 00°58'33" W, 2598.83 FEET; THENCE S 87°43'25" W, 57.40 FEET TO THE NORTHERLY RIGHT OF WAY LINE OF C.T.H. "BB" AND THE POINT OF BEGINNING;

THENCE ALONG SAID NORTHERLY RIGHT OF WAY LINE, S 87°43'25" W, 1265.03 FEET; THENCE N 00°55'03" W, 185.07 FEET; THENCE N 88°03'08" E, 204.79 FEET; THENCE N 00°55'04" W, 175.00 FEET; THENCE S 89°01'47" W, 174.76 FEET TO THE EASTERLY RIGHT OF WAY LINE OF ROYSTER AVENUE; THENCE ALONG SAID RIGHT OF WAY LINE, N 00°55'03" W, 121.02 FEET; THENCE CONTINUING ALONG SAID RIGHT OF WAY LINE AND THE ARC OF A CURVE CONCAVED WESTERLY HAVING A RADIUS OF 50.00 FEET AND A LONG CHORD BEARING N 00°55'03" W, A DISTANCE OF 97.98 FEET; THENCE CONTINUING ALONG SAID RIGHT OF WAY LINE, N 00°55'03" W, 798.94 FEET TO THE NORTHEASTERLY RIGHT OF WAY LINE OF SARGENT STREET; THENCE ALONG SAID RIGHT OF WAY LINE, N 59°11'02" W, 35.27 FEET TO THE EASTERLY LINE OF BLOCK 8, FIRST ADDITION TO OLBRICH PARK ADDITION; THENCE ALONG SAID EASTERLY LINE, N 00°27'31" W, 151.08 FEET TO THE SOUTHWESTERLY RAILROAD RIGHT OF WAY LINE OF UNION PACIFIC CORPORATION; THENCE ALONG SAID SOUTHWESTERLY RIGHT OF WAY LINE, S 59°15'41" E, 1512.02 FEET TO THE WESTERLY RIGHT OF WAY LINE OF DEMPSEY ROAD; THENCE ALONG SAID RIGHT OF WAY LINE, S 00°58'24" E, 700.64 FEET; THENCE ALONG THE ARC OF A CURVE CONCAVED NORTHWESTERLY HAVING A RADIUS OF 25.00 FEET AND A LONG CHORD BEARING S 43°27'37" W, A DISTANCE OF 34.98 FEET TO THE POINT OF BEGINNING. SAID PARCEL CONTAINS 1,395,593 SQUARE FEET OR 32.04 ACRES.

LEGEND

- ○ SET 3/4"x24" REBAR WT 1.5 LB PER LIN FT
- △ SET STEEL SURVEY SPIKE
- ● FOUND 3/4" REBAR
- FOUND 1" PIPE
- FOUND CHISELED "X"
- ● FOUND SECTION CORNER MONUMENT
- FIRE HYDRANT
- FFE FIRST FLOOR ELEVATION
- —x— FENCE LINE
- (---) RECORDED AS

PREPARED FOR:

RUEDEBUSH DEVELOPMENT & CONSTRUCTION
4605 DOVETAIL DRIVE
MADISON, WI 53704

NOTES:

1.) THIS SURVEY WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT FOR THE SUBJECT TRACT OR ADJOINERS AND IS THEREFORE SUBJECT TO ANY EASEMENTS, AGREEMENTS, RESTRICTIONS AND STATEMENT OF FACTS REVEALED BY EXAMINATION OF SUCH DOCUMENTS.

2.) WETLANDS, IF PRESENT, HAVE NOT BEEN DELINEATED OR SHOWN.

3.) FLOOD PLAIN, IF PRESENT, HAS NOT BEEN LOCATED OR SHOWN.

4.) ELEVATIONS REFERENCED TO NAVD(88).

5.) UTILITIES WERE NOT LOCATED AS PART OF THIS SURVEY. CALL DIGGERS HOTLINE FOR EXACT LOCATION OF UNDERGROUND UTILITIES. 1-800-242-8511

SURVEYOR'S CERTIFICATE:

This plat and survey were performed under my supervision, and was surveyed, divided, and mapped according to the official records of the property described and pictured hereon. This plat is a true scaled and dimensioned representation of the boundaries, buildings, improvements and all visible encroachments if any.

Williamson Surveying and Associates, LLC
by Noa T. Prieve & Chris W. Adams

Date________________

Noa T. Prieve S-2499
Registered Land Surveyor

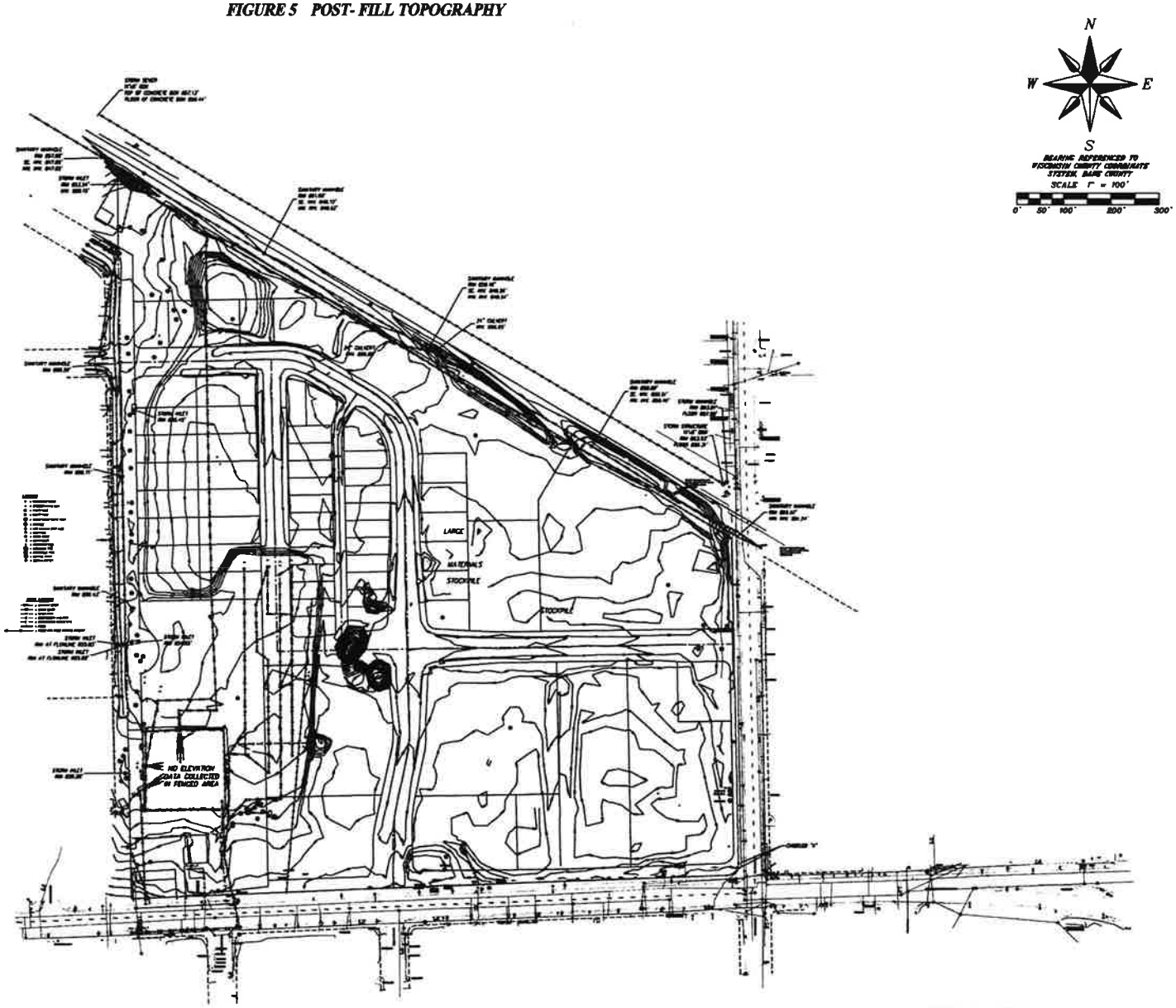
SURVEYORS SEAL

WILLIAMSON SURVEYING & ASSOCIATES, LLC
NOA T. PRIEVE & CHRIS W. ADAMS
REGISTERED LAND SURVEYORS

PLAT OF SURVEY

NOTE:
TOPOGRAPHY REPRESENTS THE BOTTOM OF THE IMPORTED FILL MATERIAL

FIGURE 5 POST- FILL TOPOGRAPHY



State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
3911 Fish Hatchery Road
Fitchburg WI 53711-5397

Scott Walker, Governor
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TTY Access via relay - 711

June 22, 2015

Mr. Dave Nelsen
Project Manager
Ruedebusch Development & Construction, Inc.
4605 Dovetail Drive
Madison, WI 53704

Subject: Former Royster Clark Site, 902 Dempsey Road, Madison, WI
BRRTs # 03-13-000507 and 06-13-550137
SOIL MANAGEMENT PLAN – Lots 1-5 APPROVAL

Dear Mr. Nelsen:

The Department received a Royster Clark Revised Soil Management Plan prepared by Ruedebusch Development and Construction Inc. (RDC) and dated June 18, 2015. The Plan was received via email on June 18, 2015.

I have reviewed the Plan which provides a proposal for managing contaminated soil at the portions of the former Royster site properties designated as Lots 1-5. The soil would be managed for the purpose of preparing the site prior to development activities. This determination pertains to the shaded area described in Figure ADD 1 Soil Management Plan Lots 1-5 (attached). If contaminated soils are intended to be encountered in areas of the property outside of the shaded area, additional soil management plans should be submitted. The details of the Plan and the proposal for managing contaminated soil include the following:

- Contaminated fill will be removed from Lots 1-5. The soils that are removed will be transported to an area described as the 'new south bound ramps' of the State Highway 51/Cottage Grove Road interchange as already discussed with the WI DNR and WI DOT representatives.;

- The excavated areas will be leveled and onsite soil will be used according to elevation needs. The remaining soils are proposed to be 'capped' with buildings/building floor slabs, parking lots with gravel base and concrete or asphalt surfacing and landscaped areas with a minimum of six inches of topsoil.; and

- A report on the soils management/movement activities will be submitted to the Department upon completion of the task.

The proposal for managing soils, as outlined in the Plan, is acceptable to the Department. While there may be other methods to address the contamination, given the circumstances of this project and the need and desire to address contamination in a manner that follows administrative code and Department guidelines, the proposed method set forth in the Plan is acceptable to the Department.

The Department expects that, as indicated in the Plan, individuals involved with implementing this soil management plan will be actively involved at the properties during the work activities to make appropriate in-field determinations regarding the status of soils that are being removed.

If problems or questions arise that cause a deviation from the plan activities, the Department should be contacted as soon as practicable. If you have any questions regarding this correspondence, please contact me at (608) 275-3297.

Sincerely,

Wendell Wojner
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Rick Graham WI DATCP, 2811 Agriculture Drive, Madison, WI 53718
Michael Prager, RR/5

SOIL MANAGEMENT PLAN - AMENDMENT 1
LOTS 1-5
ROYSTER CORNERS

FORMER ROYSTER-CLARK FACILTIY
902 DEMPSEY ROAD, MADISON, WI

DATCP NO. 02402110601
BRRTS NOS. 02-13-547242, 06-13-550137 AND 06-13-561159

PREPARED FOR:
RDC DEVELOPMENT, LLC
4605 DOVETAIL DR.
MADISON, WI

PREPARED BY:
RUEDEBUSCH DEVELOPMENT & CONSTRUCTION, INC.
4605 DOVETAIL DR.
MADISON, WI

June 18, 2015

1.0 INTRODUCTION

The Contractor constructing the new interchange at Stoughton Road and Cottage Grove Road has removed the suitable material currently available from the previous soil management plans for Royster Corners and still needs additional fill for their project and asked if they could take additional material from lots 1-5. They are looking for approximately 5,000 to 6,000 CY.

Ruedebusch Development & Construction, Inc. (RDC), on behalf of RDC Development has prepared the following amendment to the Soil Management Plan (SMP) for handling the existing fill material imported from the Monona Drive Reconstruction project currently on Lots 1-5.

2.0 SOIL MANAGEMENT ACTIVITIES

The concentrations of constituents of concern (CoC's) identified in the subsurface have been compared to the WDNR standards in Chapter NR 720 of the Wisconsin Administrative Code and it has been determined that there are areas on the Site which that represent a potential threat to human health and/or the environment. Imported fill materials from the Monona Drive Project are located on the lots noted above. This fill was placed onsite in 2012 and 2013 following completion of the remediation activities.

The soil management plan will be implemented in the removal of the imported fill materials in the development area shown in **Figure ADD 1.** The goals of this SMP are to provide appropriate procedures for handling and placement of the fill materials on the lots noted above.

This SMP is a site-specific management plan and should be referred to during the removal/relocation and placement activities to ensure the proper handling and disposition of the imported fill materials encountered.

2.1 Soil Management

The imported fill materials identified on the aforementioned lots may have CoC's that exceed the site-specific standards and/or the WDNR direct contact standards and therefore may represent a threat to human health or the environment. The CoC's generally are non-mobile, have a high affinity to adsorb to the soil particles and natural organic carbon.

The additional borrow material required at the Stoughton Road/Cottage Grove Road interchange will be excavated from the fill material placed on lots 1-5 from the fill material imported from the Monona Drive project in 2011/2012. The material will be excavated and relocated to the Cottage Grove Road/Stoughton Road Interchange where it will be incorporated into the new ramp construction.

Upon completion of the development, the remaining existing imported fill material from the Monona Dr. Project will be capped using one of the following options:

1. A building will be constructed over the fill material. The building floor slab will act as the cap.
2. A parking lot with gravel base and concrete or asphalt surfacing will be constructed over the imported fill to serve as the cap.
3. Landscaped areas within the development area will have a minimum of 6" of topsoil and will be planted as the lots develop. Maintenance of the landscaped areas and future excavation within the landscaped areas will be limited and require authorization of the Owner.

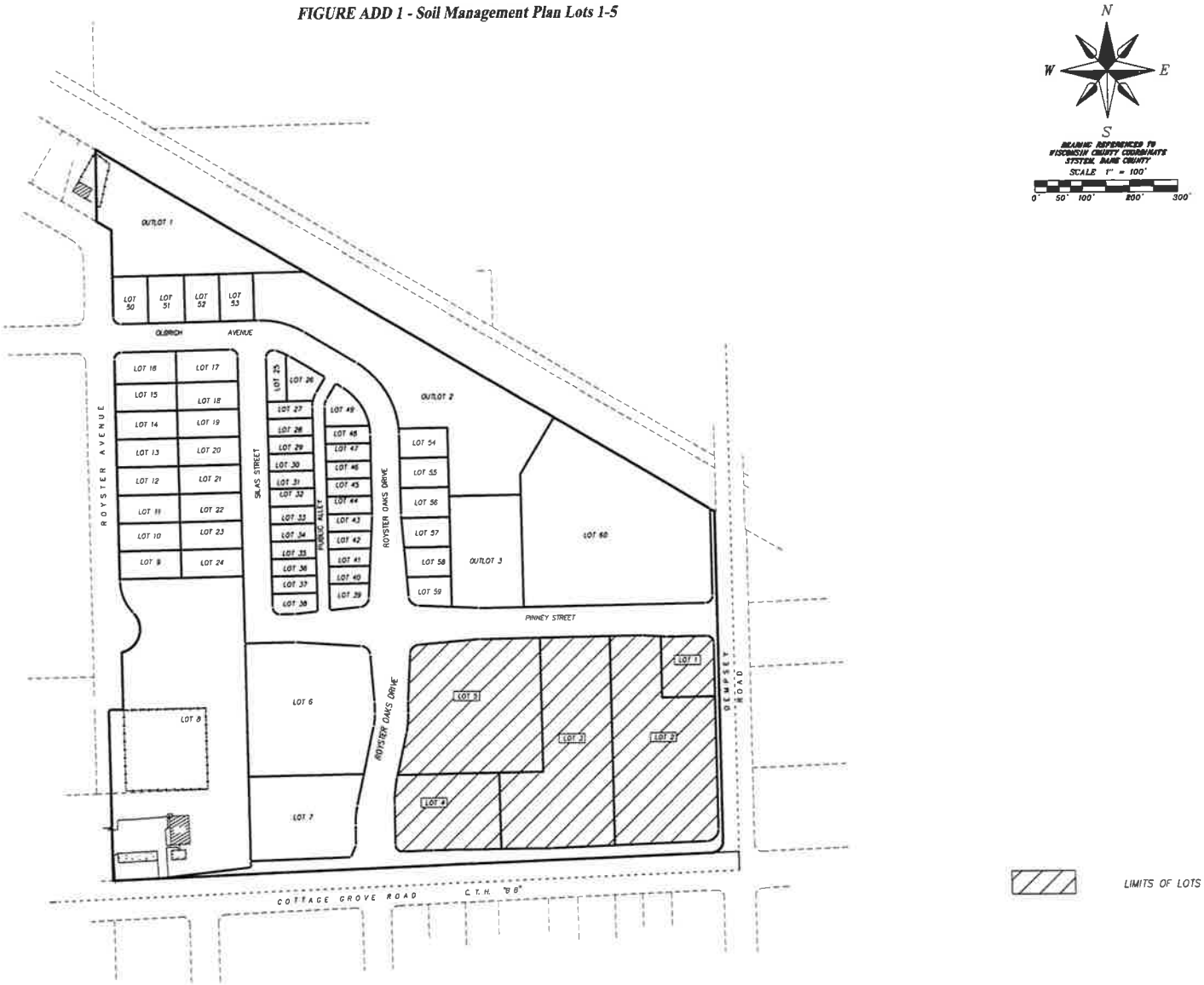
The proper storage, treatment or disposal of the soil shall be in accordance with Chapter NR 718 of the Wisconsin Administrative Code. Current and future owners of the property and easements need to be made aware that excavation of the contaminated soil may pose an inhalation or direct contact hazard. Special precautions may need to be taken during the excavation activities to prevent health threat to humans.

3.0 CONCLUSIONS

No further exploration or sampling is considered warranted prior to the removal/relocation of the previously imported fill materials. The location and depth of the imported fill material has been identified. The affected soils will be removed from the site or relocated on site and all existing imported fill on these lots will be capped upon completion of the development.

These soil handling procedures will be coordinated and implemented between the Integrity Grading & Excavating and Ruedebusch Development & Construction.

FIGURE ADD 1 - Soil Management Plan Lots 1-5



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Scott Walker, Governor
Cathy Stepp, Secretary
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TTY Access via relay - 711

August 17, 2015

Mr. Dave Nelsen
Project Manager
Ruedebusch Development & Construction, Inc.
4605 Dovetail Drive
Madison, WI 53704

Subject: Former Royster Clark Site, 902 Dempsey Road, Madison, WI
BRRTs # 03-13-000507 and 06-13-550137
SOIL MANAGEMENT PLAN AMENDMENT 2 – Lots 1-5 APPROVAL

Dear Mr. Nelsen:

The Department received a Royster Clark Revised Soil Management Plan prepared by Ruedebusch Development and Construction Inc. (RDC) and dated August 12, 2015. The Plan was received via email on August 12, 2015.

I have reviewed the Plan which provides a proposal for managing contaminated soil at the portions of the former Royster site properties designated as Lots 1-5. The soil would be managed for the purpose of preparing the site prior to development activities. This determination pertains to the shaded area described in Figure ADD 2-1 Location of Lots 1-5 (attached). This soil management plan also addresses imported material in the areas of lots 54-59. If contaminated soils are intended to be encountered in areas of the property outside of the shaded area, additional soil management plans should be submitted. The details of the Plan and the proposal for managing contaminated soil include the following:

- Imported soil from the Monona Drive project that was placed in Lots 1-5 will be removed and stock piled on the property.;

- The removal of the imported soil will be to a depth of three inches below the 2012 elevation of the land (before the imported fill from the Monona Drive project was placed on the property). Additional excavation of soil beneath this elevation will be performed as needed and with the limitation of intersecting the groundwater.;

- Upon completion of the excavation, the stockpiled/imported soil from the Monona Drive project will be deposited in an area described in Figure ADD 2-2 (attached). The area is to be covered with clean crushed concrete and parking lot or other development. Landscape islands in the parking lot will be capped by a minimum of six inches of clean topsoil and landscaping will be regulated by the property owner. There may be small areas where utilities will be placed that will be managed appropriately with adequate cover of any impacted soil.;

- Lots 54-59 currently are the location for storage of clean crushed concrete that will be removed and used on site. Once the concrete material is removed, the imported soil from the Monona Drive project will be excavated and used on site with an appropriate amount of clean cover material.; and

- A report on the soils management/movement activities will be submitted to the Department upon completion of the task.

The proposal for managing soils, as outlined in the Plan, is acceptable to the Department. While there may be other methods to address the contamination, given the circumstances of this project and the need and desire to

address contamination in a manner that follows administrative code and Department guidelines, the proposed method set forth in the Plan is acceptable to the Department.

The Department expects that, as indicated in the Plan, individuals involved with implementing this soil management plan will be actively involved at the properties during the work activities to make appropriate in-field determinations regarding the status of soils that are being removed. As noted in the plan, suspect soils will be stockpiled on Lot 60 for further characterization and disposition.

If problems or questions arise that cause a deviation from the plan activities, the Department should be contacted as soon as practicable. If you have any questions regarding this correspondence, please contact me at (608) 275-3297.

Sincerely,

Wendell Wojner
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Rick Graham WI DATCP, 2811 Agriculture Drive, Madison, WI 53718

FIGURE ADD 2-1 LOCATION OF LOTS 1-5

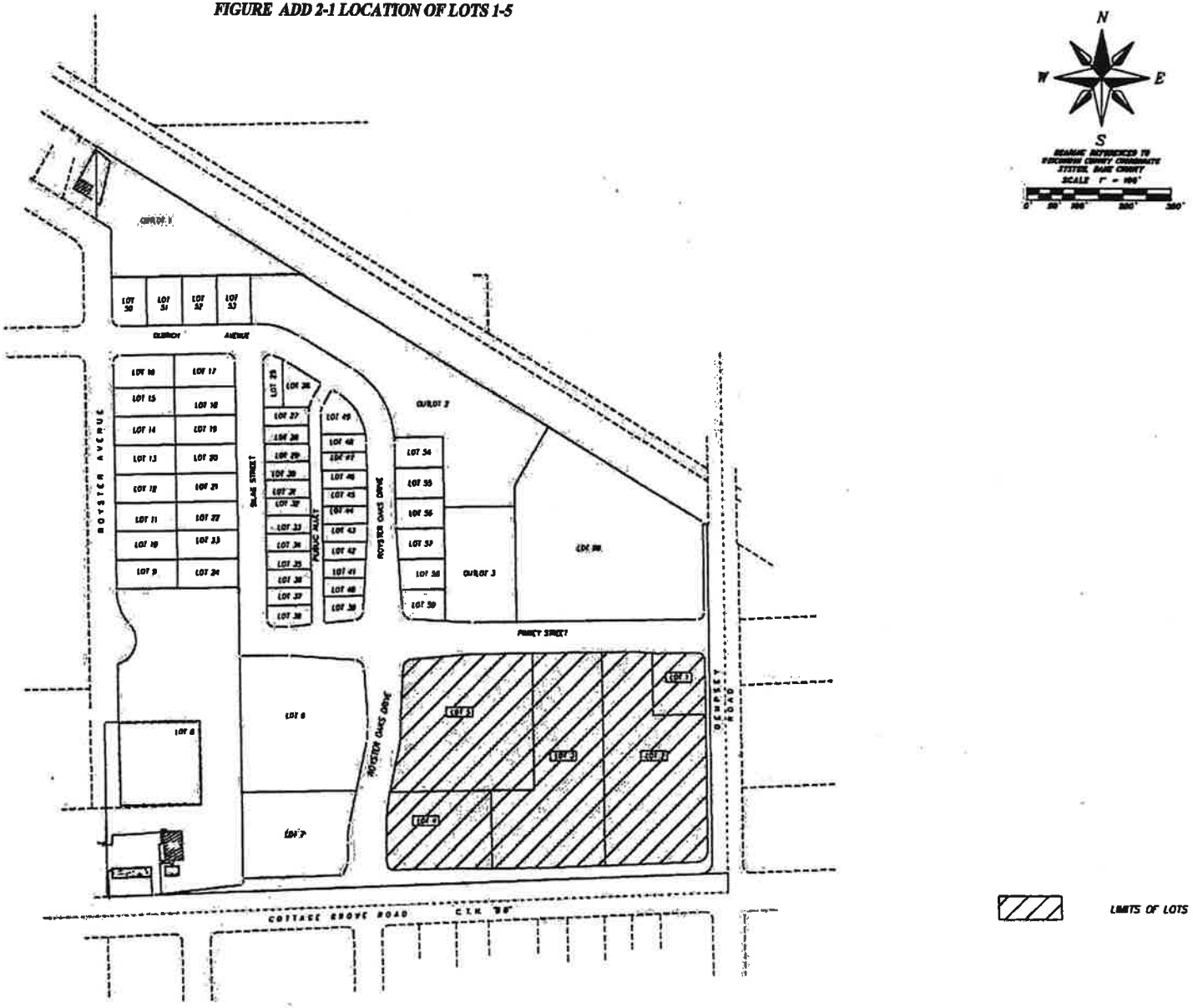
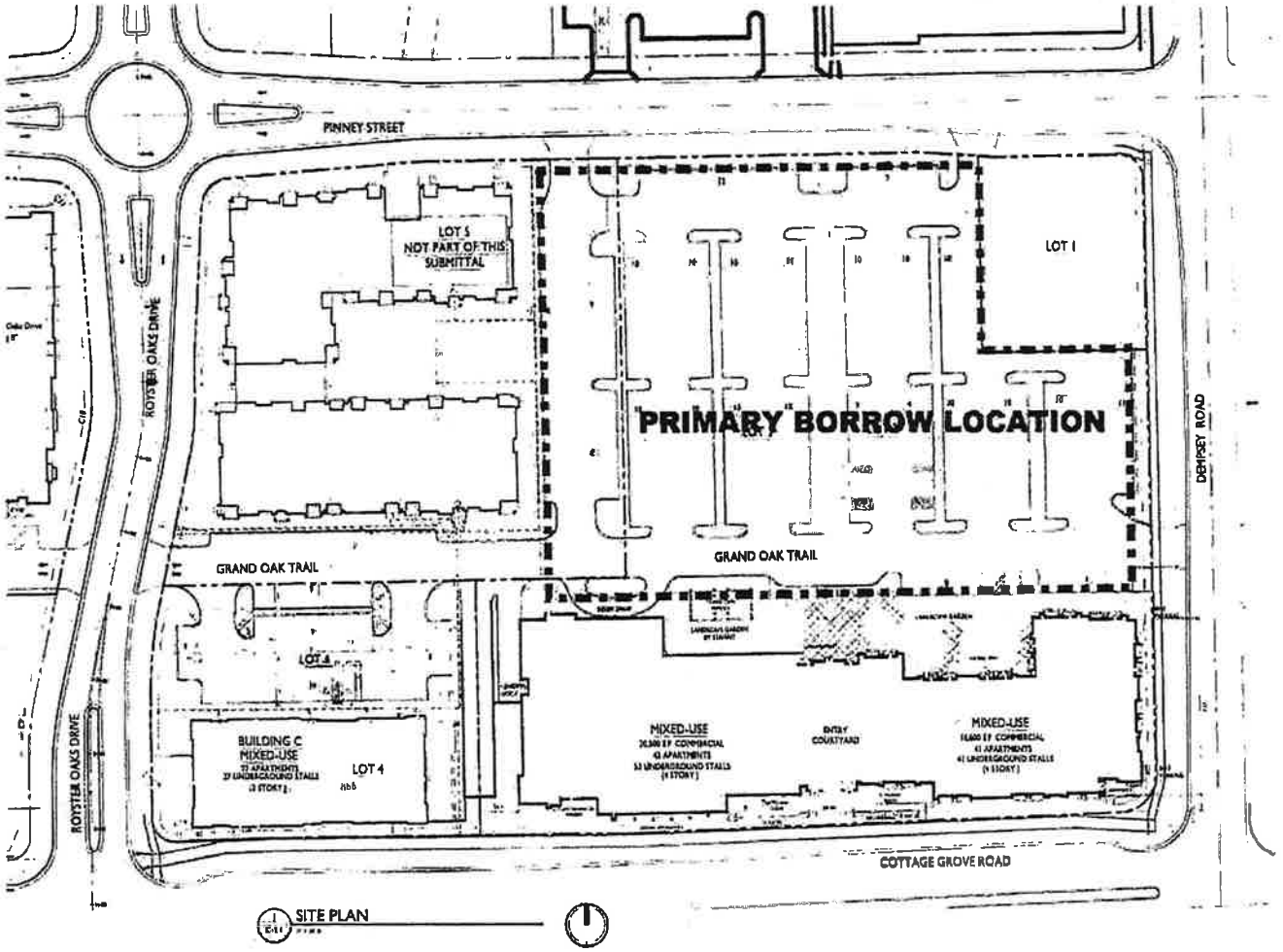


FIGURE ADD 2-2



knothe + bruce
ARCHITECTS

ISSUED

PROJECT TITLE
ROYSTER CORNERS

Lot 2 & 3 of Royster Corners Plat

SHEET TITLE
Site Plan

SHEET NUMBER
C-1.1

PROJECT NO 1421

SOIL MANAGEMENT PLAN - AMENDMENT 2
LOTS 1-5
ROYSTER CORNERS

FORMER ROYSTER-CLARK FACILTIY
902 DEMPSEY ROAD, MADISON, WI

DATCP NO. 02402110601
BRRTS NOS. 02-13-547242, 06-13-550137 AND 06-13-561159

PREPARED FOR:
RDC DEVELOPMENT, LLC
4605 DOVETAIL DR.
MADISON, WI

PREPARED BY:
RUEDEBUSCH DEVELOPMENT & CONSTRUCTION, INC.
4605 DOVETAIL DR.
MADISON, WI

August 12, 2015

1.0 INTRODUCTION

The Contractor working on the interchange for Stoughton Road and Cottage Grove Road has completed their fill operation for this year. They were able to use approximately 25,000 to 30,000 CY of Monona Drive imported soill on their project, however we were left with a substantial stockpile (currently stockpile on Lot 5) of material that was either too wet or unsuitable for use at their site.

Clean material stockpiled on site was used as backfill where the imported soils were removed from the single family residential lots. Unfortunately there was not enough material to complete this fill operation.

We need to move forward with our development and are submitting this amendment to our plan for lots 1-5 to deal with the need for clean fill material and to bury the imported soils under the parking lots in lots 1, 2 and 3.

Ruedebusch Development & Construction, Inc. (RDC), on behalf of RDC Development has prepared Amendment 2 to the Soil Management Plan (SMP) for handling the existing fill material imported from the Monona Drive Reconstruction project currently on Lots 1-5 and mining clean material from these lots to complete the remaining fill at the single family lots.

2.0 SOIL MANAGEMENT ACTIVITIES

The concentrations of constituents of concern (CoC's) identified in the subsurface have been compared to the WDNR standards in Chapter NR 720 of the Wisconsin Administrative Code and it has been determined that there are areas on the Site which that represent a potential threat to human health and/or the environment. Imported fill materials from the Monona Drive Project are located on the lots noted above. This fill was placed onsite in 2012 and 2013 following completion of the remediation activities.

The soil management plan will be implemented in the removal of the imported fill materials in the development area shown in **Figure ADD 2-1.** The goals of this SMP are to provide appropriate procedures for handling and placement of the fill materials on the lots noted above.

This SMP is a site-specific management plan and should be referred to during the removal/relocation and placement activities to ensure the proper handling and disposition of the imported fill materials encountered.

2.1 Soil Management

The imported fill materials identified on the aforementioned lots may have CoC's that exceed the site-specific standards and/or the WDNR direct contact standards and therefore may represent a threat to human health or the

environment. The CoC's generally are non-mobile, have a high affinity to adsorb to the soil particles and natural organic carbon.

The intent of this amendment is two-fold. First, we need to deal with the remaining soils from the single family residential lots and the Monona Drive imported soils that will be encountered during construction on Lots 1-5 and second we want to mine clean soil from Lots 1-5 for use in completing the backfill operations at the single family lot where the imported soils were removed. The proposed borrow area for clean soil is shown on **Figure ADD 2-2.**

The sequence for the work will be as follow:

1. Surveyor will stake out the borrow area indicating the amounts of cut required to remove the potentially contaminated soil to 3" below the 2012 pre fill level.
2. The contractor will remove the soil imported from the Monona Drive project after 2012 and stock pile the soil on site.
3. Soils within the borrow area and below the 2012 elevation will be excavated and used to complete the fill in the single family lots. Contractor will instruct his employees that if they smell anything unusual or see any discolored soils to notify RDC. Suspect soils will be stockpiled on Lot 60 for further characterization and disposition. The size of the excavation will be controlled by the amount of imported soils to be buried. Based on this quantity, the amount of material excavated will be more than required for filling the single family lots. Excess clean material will be stockpiled on lot 60 for future use or disposal.
4. The borrow pit will be backfilled to parking lot subgrade with the Monona Drive imported material. The parking lot to be built with the development will act as a cap. A small area will be left low to allow for the burial of spoils excavated when the utilities are installed across the parking lot.
5. Once the parking lot is to subgrade, the clean crushed concrete from the fertilizer plant demolition will be spread for road base. This will allow the imported material to be removed from lots 54 through 59. This material will be placed in the low area left in the borrow area. Should there not be enough crushed concrete for road base, gravel will be imported for the balance of the material.

Upon completion of the work above all of the imported material on lots 1 through 5 will be removed and buried in the borrow area shown in **Figure ADD 2-2.** This will eliminate the need to deal with this material at each project location on these lots. The pavement section will provide the cap over the Monona Drive imported material. Any landscape islands in the parking lot will be capped with a minimum of 6" of clean topsoil and landscaping will be regulated by the property owner.

The proper storage, treatment or disposal of the soil shall be in accordance with Chapter NR 718 of the Wisconsin Administrative Code. Current and future owners of the property and easements need to be made aware that excavation of the contaminated soil may pose an inhalation or direct

contact hazard. Special precautions may need to be taken during the excavation activities to prevent health threat to humans.

3.0 CONCLUSIONS

No further exploration or sampling is considered warranted prior to the removal/relocation of the previously imported fill materials. The location and depth of the imported fill material has been identified. The affected soils will be removed from the site or relocated on site and all existing imported fill on these lots will be capped upon completion of the development.

These soil handling procedures will be coordinated and implemented between the R.G. Huston Company and Ruedebusch Development & Construction.

FIGURE ADD 2-1 LOCATION OF LOTS 1-5

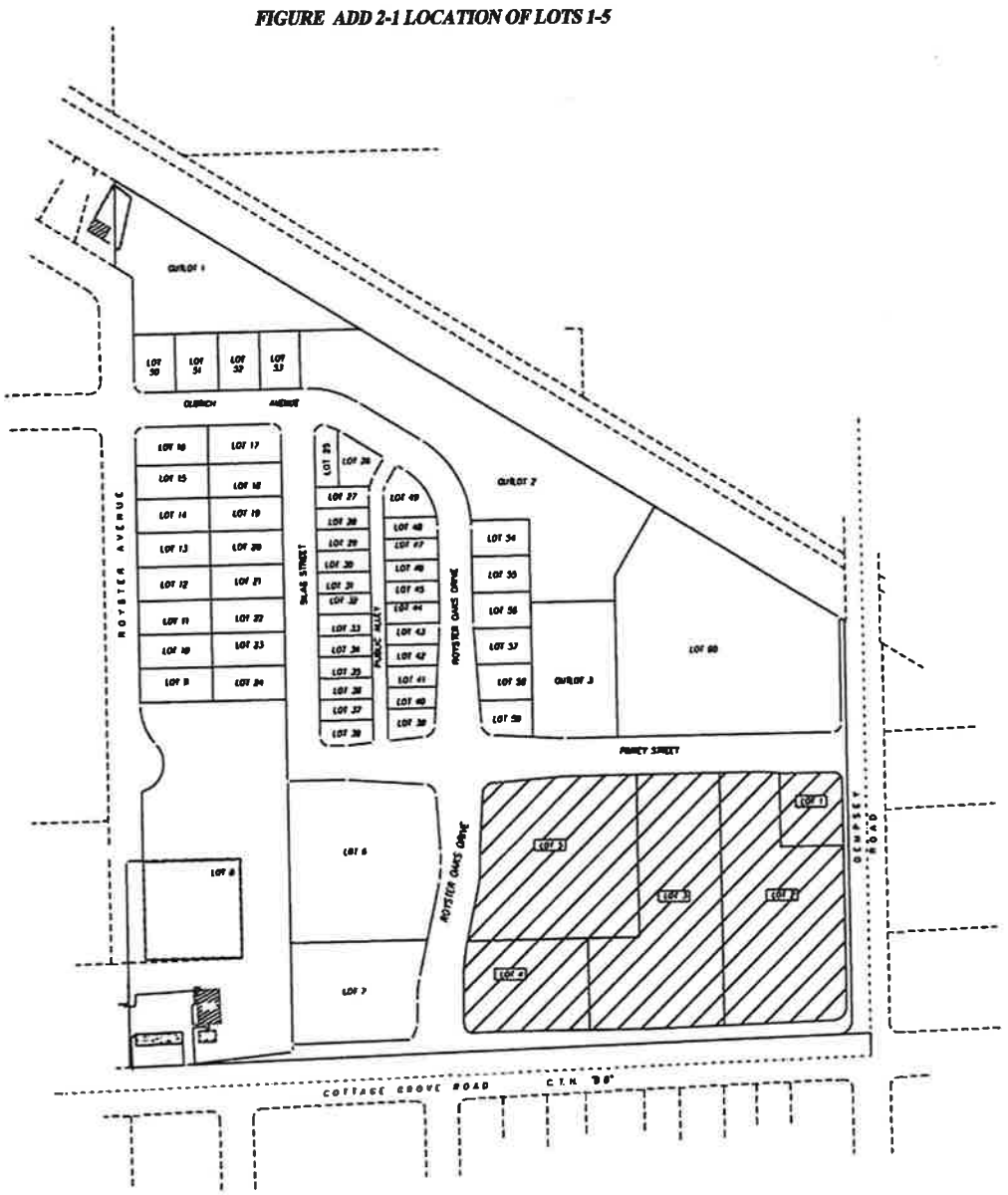
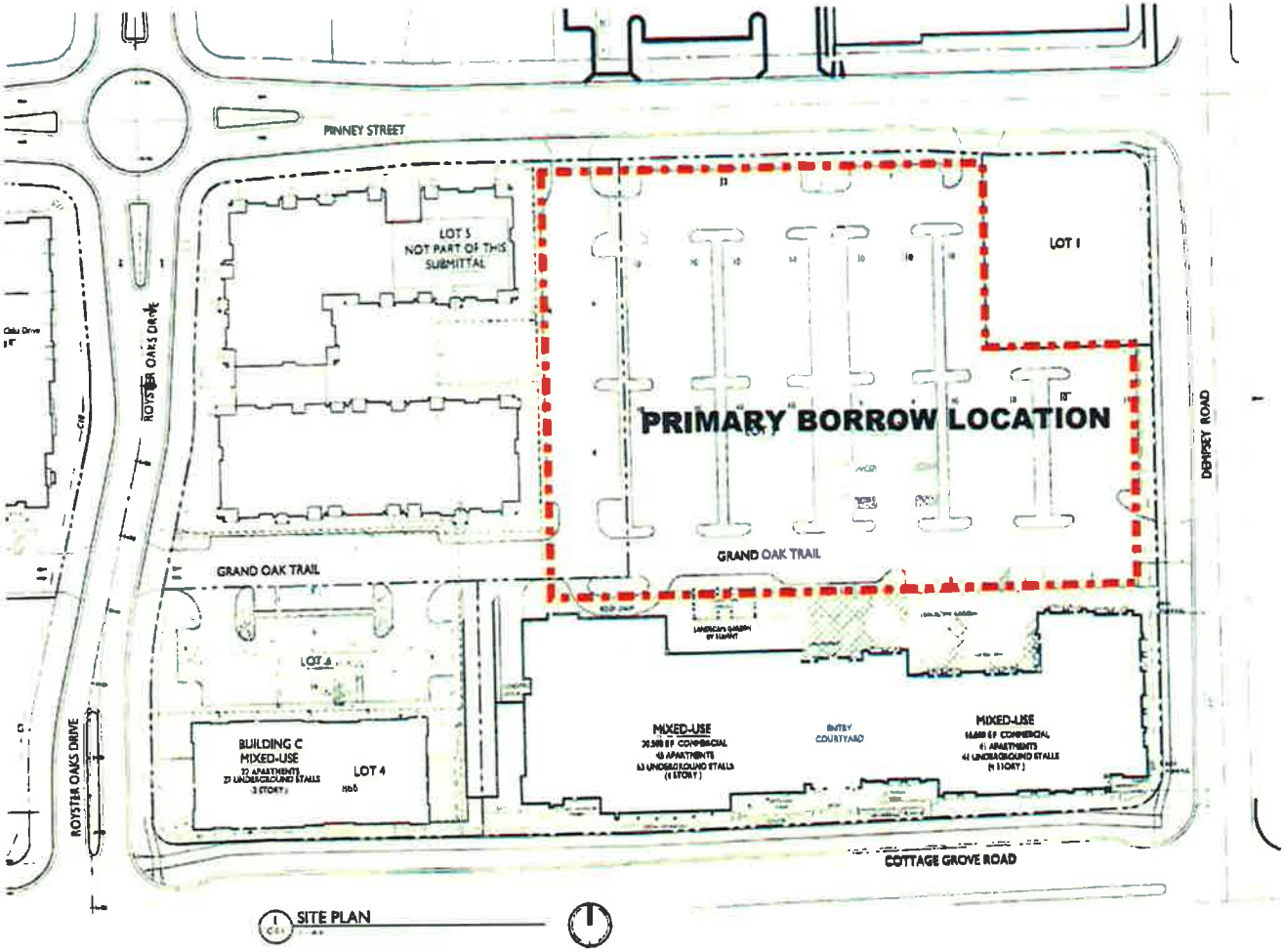


FIGURE ADD 2-2



knothe • bruce ARCHITECTS

ISSUED

PROJECT TITLE
ROYSTER CORNERS

Lot 2 & 3 of Royster Corners Plat

SHEET TITLE
Site Plan

SHEET NUMBER
C-1.1

PROJECT NO 1421

State of Wisconsin
Department of Natural Resources
P.O. Box 7921, Madison, WI 53707-7921

GIS REGISTRY (Cover Sheet)
Form 4400-280 (R 6/13)

Source Property Information

CLOSURE DATE: 10/24/2014

BRRTS #: **02-13-547242**

FID #: 113014770

ACTIVITY NAME: ROYSTER-CLARK INC-MADISON

DATCP #: 02-402-11-06-01

PROPERTY ADDRESS: 902 DEMPSEY RD

PECFA#: NA

MUNICIPALITY: MADISON

PARCEL ID #: See Comments

***WTM COORDINATES:**

X: **575533** Y: **290483**

** Coordinates are in WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

○ Approximate Center Of Contaminant Source

◉ Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

CONTINUING OBLIGATIONS

Contaminated Media for Residual Contamination:

☒ Groundwater Contamination > ES *(236)*

- ☒ Contamination in ROW
- ☒ Off-Source Contamination

*(**note:** for list of off-source properties see "Impacted Off-Source Property Information, Form 4400-246")*

☒ Soil Contamination > *RCL or **SSRCL *(232)*

- ☒ Contamination in ROW
- ☐ Off-Source Contamination

*(**note:** for list of off-source properties see "Impacted Off-Source Property Information, Form 4400-246")*

Site Specific Obligations:

☐ Soil: maintain industrial zoning *(220)*

*(**note:** soil contamination concentrations between non-industrial and industrial levels)*

☐ Structural Impediment *(224)*

☐ Site Specific Condition *(228)*

☐ Cover or Barrier *(222)*

- ☐ Direct Contact
- ☐ Soil to GW Pathway

☐ Vapor Mitigation *(226)*

☐ Maintain Liability Exemption *(230)*

*(**note:** local government unit or economic development corporation was directed to take a response action)*

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? *(234)*

◉ Yes ○ No ○ N/A

The 26.7 acre VPLE site was platted and there are 63 Parcel ID # at the time of the closure review. This closure is for the DATCP action.

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

State of Wisconsin
Governor Scott Walker

Department of Agriculture, Trade and Consumer Protection
Ben Brancel, Secretary

October 24, 2014

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

Mr. Carl Ruedebusch
RDC Development, LLC
4605 Dovetail Dr.
Madison, WI 53704

Re: Final DATCP Closure
(Former) Royster-Clark, Inc., Madison Facility
DATCP Case #02402110601
BRRTS Case # 02-13-547242
VPLE Case # 06-13-550137 / #06-13-561159

Dear Mr. Ruedebusch,

The Department of Agriculture, Trade and Consumer Protection (DATCP) considers that the site investigation and cleanup of the (former) Royster Clark site, 902 Dempsey Road in Madison, Wisconsin, is closed. For clarification, the "source property" of this investigation is defined as being that property within Voluntary Party Liability Exemption (VPLE) program limits as shown on Figure 1 (attached). Furthermore, this closure determination does NOT include the approximately 78,320 cubic yards of fill material that was brought to and deposited on the source property in 2012 and 2013.

Please read this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter to anyone who purchases any portion of the source property from you. For residential property transactions, you may be required to make disclosures under s. 709.02, Wis. Stats.

This final closure decision is based on the correspondence and data provided and is issued under ch. NR 726, Wisconsin Administrative Code. The DATCP Closure Committee reviewed the request for closure on September 25, 2014. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. DATCP sent you a letter on September 26, 2014, notifying you of the committee's decision to grant closure on the condition that you abandon the monitoring wells associated with the site investigation. On October 17, 2014, the monitoring well abandonment forms were received, thus satisfying the condition of the conditional closure letter.

GIS Registry

This site will be listed on the Department of Natural Resources (DNR) Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry. The GIS provides notice to the public of residual contamination and of any continuing obligations. This letter and information that

was submitted with your closure request application will be included on the GIS in a PDF attachment. To review the case information on the GIS web page, visit the RR Sites Map page at http://dnrmaps.wi.gov/sl/?Viewer=RR Sites

Specific case information is also on file in the DATCP office, located at 2811 Agriculture Drive, Madison, Wisconsin.

Closure Conditions and Continuing Obligations

1. Residual Groundwater Contamination (ch. NR 140, 812, Wis. Admin. Code) - Groundwater contamination greater than enforcement standards for fluoride, ammonia and nitrate/nitrite is present on and off the source property as shown on Figure 1 (attached).

   DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS, in accordance with s. NR 812.09(4) (w), Wis. Admin. Code. To obtain approval, submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at http://dnr.wi.gov/topic/wells/documents/3300254.pdf.

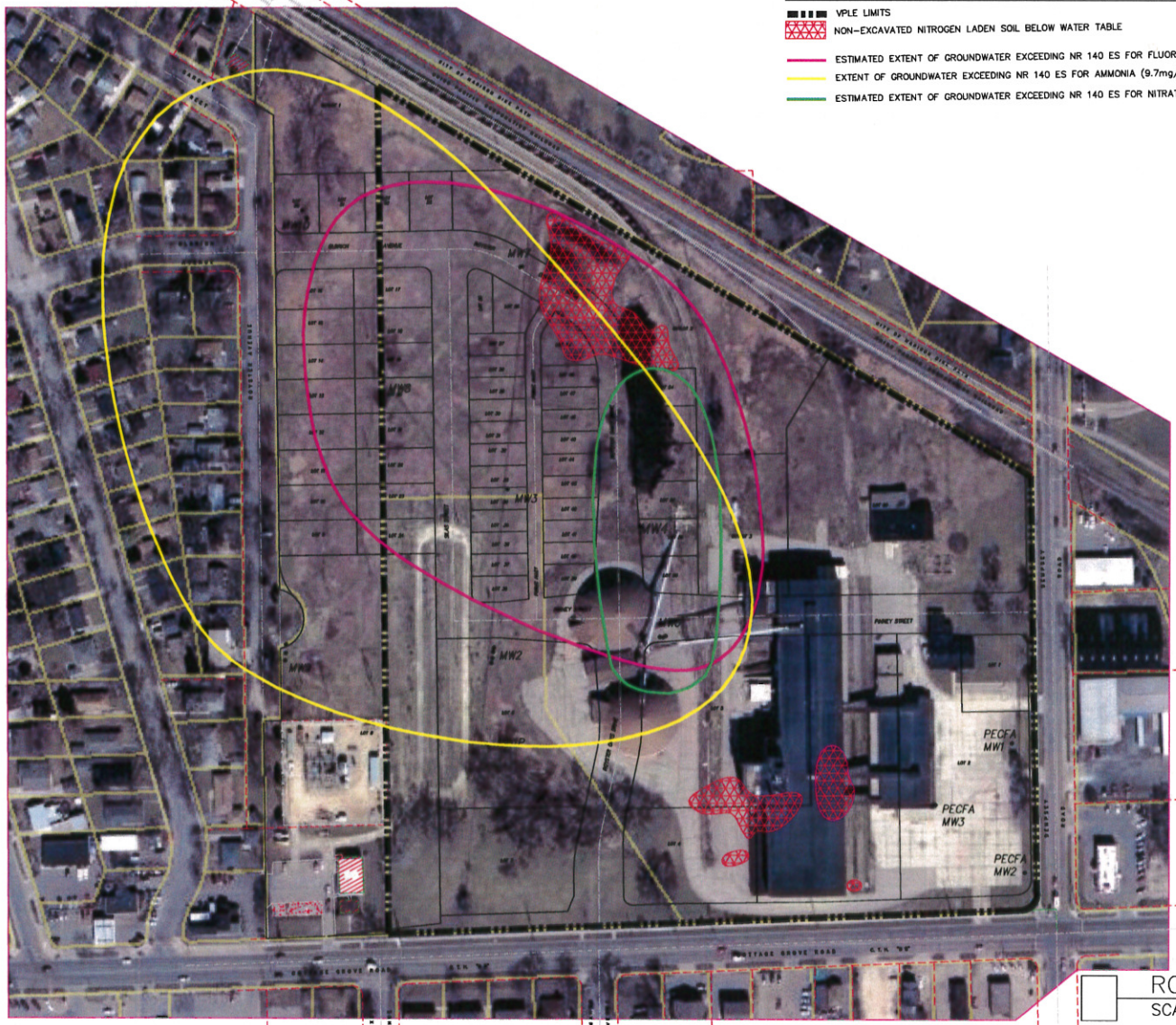
2. Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Admin. Code or ch. 289, Wis. Stats.) Soil contamination that exceeds the site-specific limits for nitrogen (150 mg/kg) is present at several locations as indicated on Figure 2 (Attached). If any excavation is completed in Zone 1 or Zone 2 deeper than an elevation of 854 feet MSL or 852 feet MSL, respectively, steps must be taken to properly manage that contaminated material. These steps should include segregating the contaminated soil from clean soil and performing the appropriate analysis to determine disposal options. If present, the property owner must provide the sample results to DATCP and properly handle and dispose of the impacted soil in compliance with applicable standards and rules.

DATCP appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact me at 608-224-4502.

Sincerely,

Richard C. Graham
ACCP Project Manager / Hydrogeologist

cc: Jim Drought, CBI Inc.; 200 S. Executive Dr, Suite 101, Brookfield, WI 53005
Jennifer Drury Buzecky; Whyte Hirschbeck Dudek S.C. 555 East Wells Street, Suite 1900, Milwaukee, WI 53202
Wendell Wojner , Michael Prager; DNR RR



ROYSTER CORNERS
SCALE 1"=80' (@ 24x36)
FOR INFORMATION ONLY

RUEDEBUSCH DEVELOPMENT & CONSTRUCTION
DEVELOPMENT • CONSTRUCTION • BROKERAGE • CONSULTING
4602 FONTANA DRIVE MADISON, WI 53704
PHONE 608.240.2512 FAX 608.240.2532

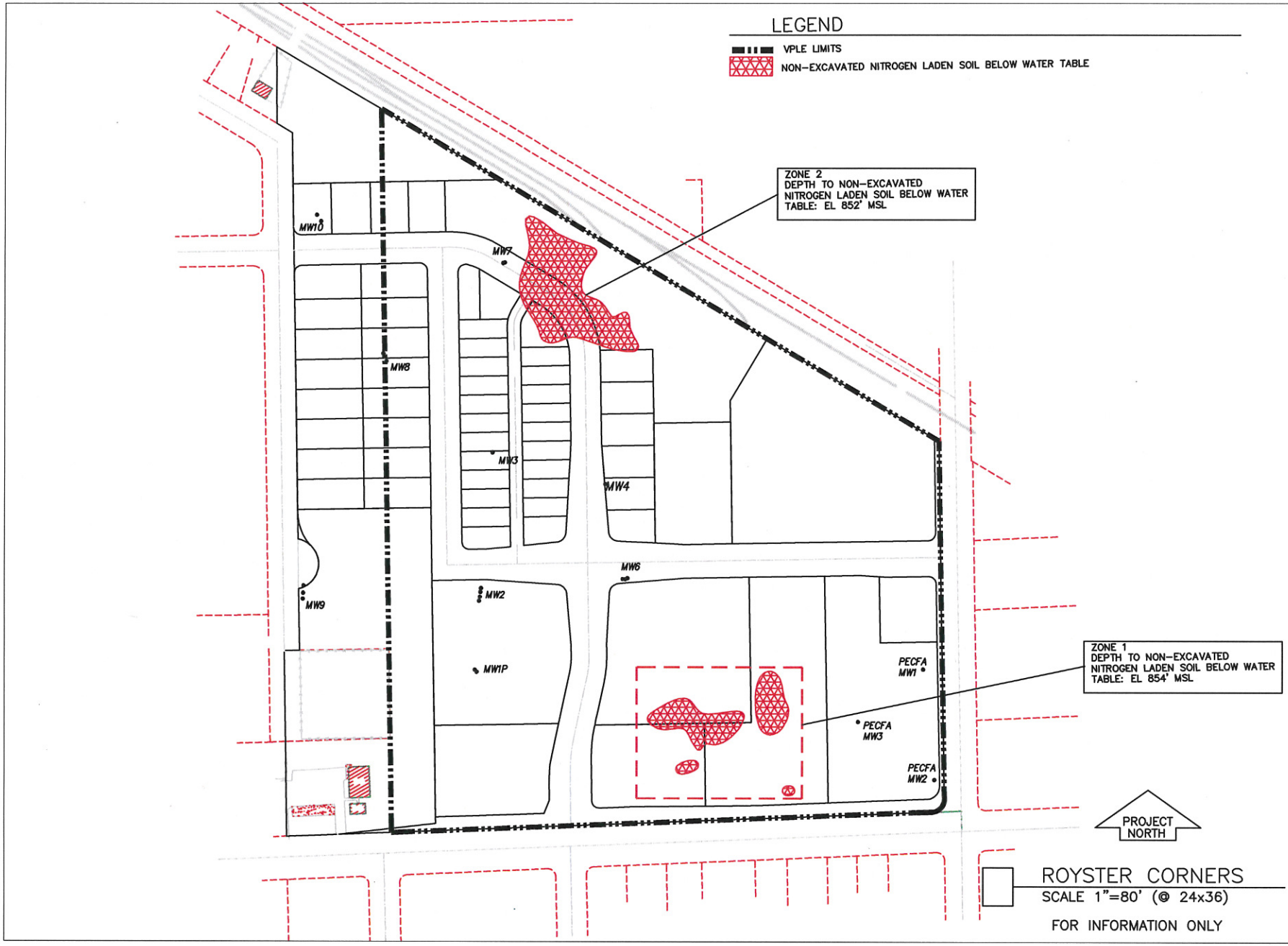
ROYSTER CORNERS
DEVELOPMENT

DATE
NO. REVISION

SHEET TITLE:
VPLE LIMITS

JOB NUMBER:	10011
DRAWN BY:	MM
CHECKED BY:	MM
APPROVED BY:	DAH
DATE:	6.18.14

SHEET NO.:
FIGURE 1



RUEDEBUSCH DEVELOPMENT & CONSTRUCTION

ROYSTER CORNERS DEVELOPMENT

SHEET TITLE: RESIDUAL SOIL ELEVATIONS

JOB NUMBER:	10017
DESIGNED BY:	MW
DRAWN BY:	MW
CHECKED BY:	DAB
DATE:	6.10.14

SHEET NO:

FIGURE 2

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN

Notice: Pursuant to ch. 292, Wis. Stats., and chs. NR 726 and 746, Wis. Adm. Code, this form is required to be completed for case closure requests. The closure of a case means that the Department of Natural Resources (DNR) has determined that no further response is required at that time based on the information that has been submitted to the DNR. All sections of this form must be completed unless otherwise directed by the Department. Incomplete forms will be considered "administratively incomplete" and processing of the request will stop until required information is provided. Any section of the form not relevant to the case closure request must be fully filled out or explained on a separate page and attached to the relevant section of this form. DNR will consider your request administratively complete when the form and all sections are completed, all attachments are included, and the applicable fees required under ch. NR 749, Wis. Adm. Code, are included, and sent to the proper destinations. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.).

Site Information

BRRTS No.	Parcel ID No.		
02-13-547242	See Attached		
BRRTS Activity (Site) Name	**WTM Coordinates**		
	X	Y	
ROYSTER-CLARK (FORMER)	575533	290483	
Street Address	**City**	**State**	**ZIP Code**
902 DEMPSEY RD	MADISON	WI	

Responsible Party (RP) Name			
RDC Development, LLC Contact: Dave Nelson			
Company Name			
RDC Development, LLC			
Street Address	**City**	**State**	**ZIP Code**
4605 Dovetail Drive	Madison	WI	53704
Phone Number	**Email**		
(608) 249-2012	Dave@ruedebusch.com		

☒ Check here if the RP is the owner of the source property.

Environmental Consultant Name			
James F. Drought			
Consulting Firm			
Shaw Environmental, Inc., a CB&I Company			
Street Address	**City**	**State**	**ZIP Code**
200 South Executive Drive, Suite 101	Brookfield	WI	53005
Phone Number	**Email**		
(414) 291-2362	James.Drought@cbi.com		
Acres Ready For Use			
26.67	Voluntary Party Liability Exemption Site? ◉ Yes ○ No		

Fees and Mailing of Closure Request

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

1. **Send a copy of page one** of this form and the applicable ch. NR 749, Wis. Adm. Code, fee(s) to the DNR regional Environmental Program Associate at **http://dnr.wi.gov/topic/Brownfields/Contact.html**. Check all fees that apply:

   ☐ $1,050 Closure Fee

   ☒ $300 Database Fee for Soil

   ☒ $350 Database Fee for Groundwater or Other Condition (MW Not Abandoned)

   Total Amount of Payment $ $650.00

2. **Send one paper copy and one e-copy on compact disk of the entire closure package** to the Regional Project Manager assigned to your site. Submit as *unbound, separate documents* in the order and with the titles prescribed by this form. For electronic document submittal requirements, see **http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf.**

Site Summary

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

1. General Site Information and Site History

A. **Site Location**: Describe the physical location of the site, both generally and specific to its immediate surroundings.
The source area consists of approximately 26.67 acres of land located in a commercial and residential area in Madison, Wisconsin. The Site is located in the northeast quarter and the southeast quarter of the northwest one-quarter of the United States Public Lands Survey Section 9, Township 7 North, Range 10 East, Dane County, Wisconsin. The property enrolled in the VPLE program (source area) is bordered by the MG&E facility and additional land part of the redevelopment and intended for residential use to the west, rail road right-of-way and residential properties to the north, and commercial businesses to the east and south.

B. **Prior and current site usage**: Specifically describe the current and historic occupancy and types of use.
The former Royster-Clark fertilizer facility (Facility) was used for fertilizer production, fertilizer mixing, raw material and fertilizer product storage, and raw material and fertilizer product shipping from the late 1940s to 2006. Petroleum products were stored and used at the Facility from the late 1940s to 2006. Fertilizer production was stopped in 2006 but remained stored at the Facility until 2012. Between 2012 and the present, areas associated with the former Facility have been used as a staging area for road construction or vacant. Currently, the site is awaiting redevelopment.

The former retention ponds at the facility were used to settle out phosphate granules during the production of phosphate from about 1949 to 1974. From about 1974 to 2012, the former ponds were reportedly used as storm water retention ponds only.

Packaged pesticides for wholesale distribution were stored in the former maintenance building from about 1974 until about 1984. Product storage reportedly included 55-gallon drums, 2.5- and 5-gallon containers, and dry packaged product. The product was not repackaged or mixed at the facility.

Beginning in 1981, degreasers, such as trichloroethylene, were used in the maintenance building. Safety Clean or Milsolv reportedly picked up the waste solvent and delivered clean solvent.
Two storage domes were constructed in 1985. The storage domes used to store road salt, urea, and potash. More recently the storage domes were used to store ammonium sulfate. The former holding ponds, located to the north of the domes, were connected to the storage dome area by a constructed ditch and was used to store surface water runoff from the dome area. Prior to the construction of the storage domes, a concrete bunker was present in this area of the facility. The bunker was used to store dynamite used to break up piles of phosphate.

Three petroleum USTs were located at the southeast portion of the Site. The petroleum USTs were removed from the Facility in 1990. The LUST area of the Site was investigated and remediated, and the WDNR issued final closure for the LUST portion of the Site (BRRTS No. 05-13-000507) in January 2011.

The plat of the Royster Corners subdivision was recorded in May of 2014. This plat created road right-of-ways and several lots within the Site/source area, Outllot 2 of which is owned by the City of Madison.

C. Describe how and when site contamination was discovered.
Petroleum contaminated soils were discovered in the southeastern portion of the Facility in 1990 when the USTs were removed. Nitrogen contaminated soils were first discovered at the Facility in 1991 when soil and groundwater samples were collected by Warzyn and again in November 2002 when DATCP collected soil samples at the Facility. As a result of the soil sampling completed by DATCP in 2002, Royster-Clark, Inc., retained BT Squared to complete the site investigation activities at the Facility. The site investigation activities were initiated with the advancement and sampling of soil borings in August 2003 in areas outside of the main building and the ammonium sulfate domes to delineate the limits of the nitrogen contaminated soils. Nitrogen contaminated soils were excavated west of the main building in August 2004 and in July 2005. Monitoring wells were installed in July 2004 to determine the level of nitrogen contamination in the groundwater. Nitrogen contamination was discovered in the monitoring wells in October 2004.

A Phase I Environmental Site Assessment (ESA) report dated March 2007 was completed by BT Squared as part of the VPLE application process. A Phase II ESA was conducted in response to the Recognized Environmental Conditions (RECs) identified in the Phase I ESA. The Phase II ESA dated September 2007 was completed by BT Squared and consisted of the advancement and sampling of 57 soil borings to assess 18 RECs identified in the Phase I ESA. Soil samples were collected and analysed for select volatile organic compounds (VOC), polynuclear aromatic hydrocarbons (PAHs), nitrogen, inorganics (including copper, zinc, lead, pH, phosphorus, and sulphate), polychlorinated biphenyls (PCBs), and/or pesticides. Groundwater samples were also collected from temporary and existing monitoring wells. Groundwater samples were collected and analysed for select VOCs, PAHs, phosphorus, and fluoride. In addition to the nitrogen contamination previously identified, lead, pesticide, and diesel range organic (DRO) contamination in soil were discovered during the Phase II ESA completed at the Site. The Phase II ESA also identified fluoride in groundwater exceeding the NR 140 enforcement standard. At the request of DATCP, groundwater samples were collected from select monitoring wells and

analysed for fluoride beginning in 2010. Additional soil investigation to determine the source of fluoride was completed in 2011.

D. Describe the type(s) and source(s) or suspected source(s) of contamination.
The distribution of COCs have been evaluated and documented from the results of the analytical testing performed on the collected soil and groundwater samples during both the site investigation and remedial activities. The location of the soil borings and monitoring wells advanced and sampled prior to the remedial action completed in 2011 are shown on Figure B.2.a.1. The Areas of Concern for the COCs, as identified in the Remedial Action Options Report, are also reported on Figure B.2.a.1. The distribution of the COCs was used by REA to develop the DATCP- and WDNR-approved remedial actions. Soil and groundwater data for all COCs was presented in the BT Squared RAOR submitted to DATCP and the WDNR on August 10, 2009. The remedial strategy proposed by BT Squared and approved by DATCP and the WDNR focused on the removal of nitrogen, DRO, and Pesticide-affected soils within the vadose zone for the protection of groundwater pathway. The remedial strategy also addressed lead-affected soils within the direct contact interval (ground surface to a depth of 4 foot bgs).

At the request of DATCP in a letter dated July 20, 2010, BT Squared completed additional investigation of fluoride in soil as shown on Figure B.2.a.1. The results of the fluoride investigation were summarized in a letter reported dated March 21, 2011. The results of the fluoride investigation indicated all fluoride concentrations detected in soil were below the residential direct contact standard of 3,100 mg/kg for fluoride, as shown on Figure B.2.a.2. Based on the fluoride soil investigation, fluoride was included as a COC in groundwater only. The following sections summarize the distribution of each COC in soil prior to implementation of the soil remedial activities (discussed in Section 6 of this report) in 2011 and 2012:

• Three petroleum USTs were located in the southeast portion of the Facility. On August 13, 1990, three USTs were removed. The UST included a 1,000-gallon diesel UST, a 500-gallon leaded gasoline UST, and a 1,000-gallon unleaded gasoline UST. Petroleum-impacted soils were identified during the removal of the USTs in August 1990. The WDNR issued final closure for the LUST portion of the Site (BRRTS No. 05-13-000507) in January 2011.

• Nitrogen contamination within the building limits was likely caused by the fertilizer production and storage. Nitrogen contamination outside of the buildings was caused by the transportation of the fertilizer along the on-site railroad tracks and where fertilizer was transferred between the main building and the rail cars. Fertilizer accumulating on the access roads was carried by stormwater runoff to the stormwater detention ponds north of the site, causing nitrogen contamination in the ponds.

• Lead contamination in the soil located northwest of the main building was caused by lead storage tanks in the area. The lead was used in super phosphate production.

• Pesticide contamination in soil northeast of the shop building was from a floor drain that discharged to the area. The shop was used to store pesticide between late 1970s to the early 1990s.

• DRO contamination under the west side of the shop building was caused by a leak in the floor drain pipe connected to the floor drain in the waste oil storage room. The floor drain pipe was connected to the sanitary sewer in the early 1990s and was sealed in 2002.

E. Other relevant site description information (or enter Not Applicable).
Not Applicable

F. List BRRTS activity site name and number for all other BRRTS activities at this property, including closed cases.
The DATCP number associated with the Site is 02402110601, and the WDNR facility identification number (FID) 113014770. The following WDNR BRRTS activities are associated with the Site:

BRRTS No. 02-13-547242: ERP (Open)
BRRTS No. 07-13-558627: General Property
BRRTS No. 03-13-000507: LUST (Closed)
BRRTS No. 04-13-041123: Spill (Closed)
BRRTS No. 04-13-262522: Spill (Closed)
BRRTS No. 04-13-268110: Spill (Closed)
BRRTS No. 06-13-550137: VPLE (Open)
BRRTS No. 06-13-561159: VPLE (Open)

G. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to this site, and those impacted by contamination from this site.
WAYNES AUTOMOTIVE (03-13-002448)
KENTUCKY FRIED CHICKEN-PERKINS OIL (03-13-001741)
THERMOGAS CO- MADISON (02-13-525316)
DE PETROLEUM (03-13-000444)

Save...

CV PROS (03-13-120654)

H. **Current zoning** (e.g. industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).

The source area, within the Royster Corners subdivision is currently zoned for the redevelopment as Traditional Employment (TE) in the south and east portions. The remainder is zoned as Traditional Residential - Consistent 3 (TR-C3) or Traditional Residential - Urban 2. Zoning verification is provided in Attachment G.3. Businesses located east of the site are zoned as Industrial – Limited District (IL). Businesses and residential south of the site are zoned as Commercial Corridor – Transitional District (CC-T) and Suburban Residential – Varied District 1 (SR-V1) respectively. Residential north and west of the site are zoned as Traditional Residential – Consistent District 1 (TR-C1), Traditional Residential – Consistent District 2 (TR-C2), and Traditional Residential – Consistent District 4 (TR-C4).

2. General Site Conditions

A. Soil/Geology

i. Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.

Prior to excavations completed in 2012, the soil profile at the Site consisted of 6" of topsoil underlain with yellowish brown, silty sand fill to depths of approximately 5' bgs. The soil became a dark brown, lean clay with silt, to depths of approximately 8' bgs. Between 8' and 15' bgs, the soil was a brown sand with some gravel. The sand and gravel extended to depths as deep as 30' bgs on the west side of the site. The sand and gravel was underlain with silty sand to depths between 65' and 75' bgs. The unconsolidated materials extend to depths of 70 feet bgs at the central portion of the Site to 140 feet bgs at the northwestern portion of the Site.

ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.

As soil remediation activities were completed in the winter of 2011-2012, the isolated excavated areas were backfilled with a brown, silty sand to depths between 5' and 9' bgs. Additional fill was imported to the site during 2012 and 2013. This material was distributed over portions of the Site for redevelopment purposes.

iii. Depth to bedrock, bedrock type, and whether or not it was encountered during the investigation.

Bedrock was encountered at depths of approximately 70 feet bgs at the central portion of the Site to 140 feet bgs at the northwestern portion of the Site. The Cambrian-age bedrock consist of sandstone, dolomite, and shale. Cambrian-age bedrock below the Site, from youngest to oldest, consists of the Tunnel City Group, below which lies the Wonewoc, Eau Claire, and Mount Simon Formations of the Elk Mound Group. The Pre-Cambrian bedrock, consisting of granite, basalt and rhyolite, are located at depths of approximately 700 feet bgs.

iv. Describe the nature and locations of current surface cover(s) across the site (e.g. natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).

Most of the Site is currently fill material in preparation of the proposed development. The site is currently vacant, without buildings, waiting for redevelopment.

B. Groundwater

i. **Discuss depth to groundwater and piezometric elevations**. Describe and explain depth variations, and whether free product affects measurement or water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.

Depth to groundwater is approximately 10 feet bgs. The water table was encountered within the unconsolidated material, which primarily consists sand and gravel with intermittent layers of clay and/or silt. The unconsolidated aquifer extends to depths of 70 feet bgs at the central portion of the Site to 140 feet bgs at the northwestern portion of the Site.

The bedrock aquifer underlying the unconsolidated aquifer in the area of the Site is divided into the upper bedrock aquifer and lower bedrock aquifer separated by a confining shale unit within the Eau Claire Formation, which is located at a depth of about 220 feet bgs near the Site. The confining shale unit is continuous in the area with the exception of a bedrock valley located west of the Site.

ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.

Groundwater flow direction in the water table wells is generally to the west, based on the recent and historic gauging activities completed at the Site. The horizontal hydraulic gradient in the unconsolidated aquifer is relatively consistent at 10E-3 ft/ft and 10E-2 ft/ft for the upper bedrock aquifer. Groundwater flow models completed for the City of Madison's Wellhead Protection Plans indicate a westerly groundwater flow direction for the bedrock aquifer. The available groundwater models do not differentiate between the upper and lower bedrock aquifers, since some of the municipal wells are open across the confining shale unit. The confining shale unit has also been eroded west of the Site.

Vertical gradients between the aquifers are approximately 10E-2 ft/ft and generally in a downward direction. However, exceptions have been observed in well nests MW-6P/MW-6PP and MW-9PP/MW-9PPP. Groundwater gauging completed in July 2014 indicates a generally downward vertical gradient.

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iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.

No site-specific hydraulic conductivity data are available for the unconsolidated aquifer associated with the Site. However, reported hydraulic conductivity (K) values range from 65 ft/day (10E-2 cm/s) in the sand and gravel aquifer to 8.5 ft/day (10E-3 cm/s) in the silty sand aquifer. The hydraulic conductivity values of 4 ft/day are reported for the upper bedrock aquifer.

The velocity at which groundwater moves through the bedrock aquifer can be calculated using the most conservative hydraulic conductivity value (the upper bedrock aquifer from the WGNHS) of 4 feet/day, the estimated hydraulic gradient observed at the Site (0.01 feet/feet), and an effective porosity from the WGNHS (0.14) for the bedrock aquifer. The equation for calculating the average linear groundwater velocity (seepage velocity) for the bedrock aquifer is shown below:

$V = K * i / n$

where
V = hydraulic conductivity = 4 feet/day
n = Effective Porosity = 0.14 (unitless)
i = Horizontal hydraulic gradient = 0.01 feet/feet

$V = 4$ ft/day * 0.01 ft/ft / 0.14 = 0.29 ft/day = 104 ft/year

The seepage velocity represents the velocity that groundwater moves through the saturated media. This seepage velocity does not represent the rate at which contaminants migrate in groundwater due to the physical and chemical properties of the constituents in the subsurface.

Constituent migration (advective velocity) through the subsurface is retarded due to the physical and chemical properties of the compound, and the composition of the subsurface materials. The advective velocity of constituents through the subsurface can be calculated to determine the travel distance for a specific compound over time. The advective velocity does not consider the effects of dilution, dispersion, or biodegradation. To calculate the advective velocity, the seepage velocity and estimated retardation factors for ammonia are used in the following equation:

$Va = V / Rf$

Where:
Va = constituent advective velocity (feet/year)
V = seepage velocity (104 feet/year)
Rf = retardation factor for ammonia (1.2)

Va = 104 ft/yr / 1.2 = 84 ft/yr

Based on the estimated seepage velocity, the calculated advective velocity is 84 feet/year for ammonia. The distance from Monitoring Well Nos. MW-6 and MW-4, located at the source areas, to the downgradient Monitoring Well Nos. MW-11PPPP, MW-12PPPP, MW-13PPPP, and MW-14PPPP located north and west of the Site, range from approximately 800 to 1,950 feet. Based on the estimated advective velocities, the travel time for these constituents from Monitoring Well Nos. MW-4 and MW-6 to the location of downgradient Monitoring Well No. MW-11PPPP is approximately 10 years, and the approximate travel time to Monitoring Well No. MW-12PPPP is approximately 16 years. The Facility operated from the 1940s to 2006 (66 years). Impacted soil and groundwater was first identified in 1991 during the subsurface investigations completed by Warzyn (results of the Warzyn investigation were presented in the initial site investigation work plan dated May 22, 2003, completed by BT Squared). Ammonia would be evident at the location of Monitoring Well Nos. MW-11PPPP, MW-12PPPP, MW-13PPPP, and MW14PPPP, the most downgradient monitoring wells at the Site, if partitioning occurred from soil to groundwater at the source areas and ammonia migrated in groundwater, as predicted from the calculated advective flow, without contribution from denitrification, dilution, and dispersion. The results of the analytical testing performed on groundwater samples collected from Monitoring Well No. MW-11PPP, MW-12PPPP, MW-13PPPP, and MW14PPPP indicated ammonia below the WDNR NR 140 Enforcement Standard.

iv. Identify and describe locations/distance of potable and/or municipal Wells within 1200 feet of the site.

Four public water supply wells are located within approximately one mile of the source property:

Well No. 8 (774 feet deep and cased to 280 feet);
Well No. 9 (843 feet deep and cased to 200 feet);
Well No. 11 (752 feet deep and cased to 111 feet); and
Well No. 23 (500 feet deep and cased to 102 feet).

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3. Site Investigation Summary

A. General

i. Provide a brief summary of the site investigation history. Reference previous submittals by name and date. Describe site investigation activities undertaken since the last submittal for this project and attach the appropriate documentation in Attachment C, if not previously provided.

To evaluate appropriate soil management practices, soil to groundwater, and direct contact concerns, BT Squared developed site-specific RCLs for the COC's (lead, pesticides, DRO, and nitrogen). RCLs calculations and/or supporting documentation were provided in the BT Squared RAOR dated August 10, 2009, and the additional fluoride investigation letter-report dated March 21, 2011. The RCLs were utilized to guide the management of the soils previously identified and those encountered during remedial activities. The RCLs for lead, pesticides, DRO, and nitrogen are consistent with a proposed redevelopment, primarily for residential and commercial uses. Following DATCP and WDNR approval of the site-specific RCLs and the remedial strategy presented in the RAOR, REA developed a RAP to ensure proper handling and disposal of any and all affected soil and/or groundwater encountered during remedial activities. The RAP was submitted to DATCP and the WDNR in October 2011 with revisions submitted in November 2011. The RAP was approved by DATCP in a letter dated November 4, 2011 and the WDNR in a letter dated November 14, 2011. Soil excavation limits were determined and confirmed based on the distribution of pesticides, DRO, and nitrogen in soil identified during the investigation activities above the site-specific RCLs based on the protection of groundwater, and the site-specific RCL for lead was based on the direct contact pathway within the interval of 0 to 4 feet bgs. Fluoride-affected soils were limited to the pond area and correlated with the nitrogen-affected soil; therefore, no separate remedial excavation or verification sampling was completed for fluoride.

The clean-up criteria necessary to achieve closure under NR 726 and the VPLE Program, as presented in the RAP and approved by DATCP and the WDNR, are presented in Table C.3. Revisions to NR 720, Soil Cleanup Standards, took affect November 2013, subsequent to the implementation of the remedial excavation activities and agencies' approval of cleanup standards. The current NR 720 soil cleanup standards are not significantly different than the cleanup criteria approved at the Site. The current NR 720 cleanup standards are also provided on Table C.3. While no clean-up goal was established for fluoride as part of the RAP, the RCLs for fluoride, as calculated by BT Squared and as established in the current NR 720, are listed in Table C.3 for reference purposes. The "Current NR 720 Standards" are based on WDNR Guidance Document "Soil Residual Contaminant Level Determinations Using The U.S. EPA Regional Screening Level Web Calculator", Publication PUB-RR-890 March 2013 (Updated June 2014).

ii. Identify whether contamination extends beyond the source property boundary, describe the off-site media (e.g., soil, groundwater, etc.) impacted, and the vertical and horizontal extent of off-site impacts.

Agrichemical (source property)

Verification sampling completed at the sidewall and floor of the remedial excavations completed in 2011 and 2012 represent the post-remedial soil conditions of the source property. The post-remedial soil sampling results are provided on the attached table and delineated soil excavation limits are shown on the attached figure which support the soil remediation activities for the site. No residual soil exceeding the approved cleanup criteria remain within the vadose zone at the site. Nitrogen-impacted soil, above the approved cleanup criteria of 150 mg/kg, remains at the site, but these residual soils are located at or below the water table. The residual soil exceeding the cleanup criteria of 150 mg/kg for total nitrogen is limited to a surface area of approximately 49,000 square feet, all of which is located at or below the water table in accordance with the approved RAP. No residual soils were identified that exceeded the residential direct contact standards. The residual soil contamination and the partitioning from soil to groundwater are addressed through the effectiveness of natural attenuation.

Nitrogen-impacted soils above the site-specific standards and groundwater exceeding the NR 140 Enforcement Standards for fluoride and nitrogen remain on-site and within the road right-of-ways and Outlot 2, both of which are owned by the City of Madison. Both the road right-of-ways and Outlot 2 are part of the source property.

LUST Site (source property)

The distribution of petroleum hydrocarbons, within the impacted soils at the site, was determined from the site post-remedial soil sampling completed in 2007. These results are shown on Table A.3 and graphically shown on Figure B.2.b.4. Results of the soil sample collected at the location of DP137 from 14 to 15 feet bgs exceeded the current NR 720 groundwater protection soil standards for Chrysene. There were no other concentrations of petroleum hydrocarbons greater than the current NR 720 RCLs from the post-remedial soil sampling completed in 2007.

The LUST site was closed by the WDNR in January 2011 with the continuing obligation of maintaining an impermeable cap to "minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards".

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iii. Identify any structural impediments to the completion of site investigation and/or remediation and whether these impediments are on the source property or off the source property. Identify the type and location of any structural impediment (e.g., structure) that also serves as the performance standard barrier for protection of the direct contact or the groundwater pathway.

No structural impediments were encountered during the site investigation or the remediation.

B. Soil

i. Describe degree and extent of **soil contamination** at and from this site. Relate this to known or suspected sources and known or potential receptors/migration pathways.

The following sections summarize the distribution of each COC in both soil and groundwater, prior to implementation of the soil remedial activities (discussed in Section 6 of this report) beginning in 2011.

Nitrogen

Interim action soil excavations were completed in 2004 and 2005 did not significantly reduce the nitrogen mass in soil. The highest concentrations of nitrogen remaining in the soil were located beneath pond and in the vicinity of the former building and structure in the central and southern areas of the source area. The pre-remedial distribution of nitrogen in soil is shown on Figure B.2.a.1. Pre-remedial soil analytical results, including the samples collected during the interim and remedial excavations, are included as Table A.2.1. No concentrations of nitrogen were detected in any of the soil samples above the NR 720 residential direct contact RCL for nitrate or nitrite nitrogen of 100,000 milligrams per kilogram (mg/kg) and 7,800 mg/kg, respectively, as set forth in the current version of Chapter NR 720 of the Wisconsin Administrative Code (NR 720). No direct contact standards are listed for ammonia or nitrate+nitrite nitrogen in the current version of NR 720. Furthermore, there are no groundwater protection standards listed for any nitrogen compound.

Lead

The pre-remedial distribution of lead in soil in shallow soils (0 to 4 feet bgs), as determined from the site investigation activities, is shown on Figure B.2.a.1. Pre-remedial soil analytical results for lead, including the samples collected during the remedial excavation, are included as Table A.2.2. Lead was identified above the approved cleanup goal of 250 mg/kg in the upper four feet of soil. The concentrations of lead identified in soil were above the current NR 720 groundwater protection standard of 27 mg/kg. One soil sample collected at DP126 from 1 to 2 fee bgs also exceeded the residential direct contact standard of 400 mg/kg.

Concentrations of lead in soil, based on the results of the analytical testing, were reported as high as 1,300 mg/kg. However, groundwater sampling indicated that the measured levels of dissolved lead did not exceed the WDNR Enforcement Standard, set forth in Chapter NR 140 of the Wisconsin Administrative Code, of 15 µg/L. The results of the analytical testing confirmed that lead did not partition from soil to groundwater.

Pesticides

The pre-remedial distribution of pesticides in soil, as determined from the site investigation activities, is shown on Figure B.2.a.1. Pre-remedial soil analytical results for pesticides, including the samples collected during the remedial excavation, are included as Table A.2.3. Pesticides were identified above the approved cleanup goal of 1 mg/kg in the soil sample collected from 1 to 2 feet bgs at DP104. The concentration of atrazine at this sample location also exceeded the current NR 720 residential direct contact standard. No other samples exceeded the residential direct contact standards for pesticides. The concentrations of individual pesticides (atrazine, butylate, S-Ethyl dipropylthiocarbamate, and prometon) in soil were also detected above the current NR 720 groundwater protection standards.
Based on the limited extent and shallow depth of soil exceeding the cleanup criteria of 1 mg/kg of pesticides, no groundwater investigation was deemed warranted.

DRO
The pre-remedial distribution of DRO in soil, not associated with the LUST matter, as determined from the site investigation activities, is shown on Figure B.2.a.1. Pre-remedial soil analytical results for DRO and VOC are included as Table A.2.4. DRO was identified above the approved cleanup goal of 100 mg/kg in two samples (at 14-16 feet and 18-20 feet bgs) collected below the water table at sampling location DP-151 which is located below the former Shop Building. Because these soil samples were collected below the water table, these samples are representative of groundwater condition. Groundwater sampling completed during the Phase II ESA indicated that the measured levels of VOC at temporary well DP-151 were below the WDNR Enforcement Standard, set forth in Chapter NR 140 of the Wisconsin Administrative Code. The results of the analytical testing confirmed that DRO did not partition from soil to groundwater.

Field observation and soil sampling completed during the remedial excavation in 2011 and 2012 identified an area near the south wall of the former Shop Building as the source area for DRO. Field observation and soil sampling were used to delineate the extent of soil impacted by DRO. The distribution of DRO in soil as determined from the soil samples collected during the remedial excavation activities is shown on Figure B.2.b.3. Three soil samples were collected

during the excavation activities (Inside Pipe at 2 feet bgs, South Maintenance Wall at 2 feet bgs, and South Maintenance Floor at 3 feet bgs. Results of the deepest sample collected during the remedial excavation (i.e., "South Maintenance Floor" at 3 feet bgs) indicated no exceedences of the cleanup criteria. However, as a conservative measure, the excavation was extended to 8 feet bgs where the water table was encountered.

PCBs

Soil samples were collected for PCBs at eight locations during the 2007 Phase II ESA completed by BT Squared. The locations were selected based on the findings of the Phase I ESA also completed by BT Squared. The results of the soil sampling indicated no detectable concentrations of PCB. Results of the PCB sampling are provided on Table A.2.5. Based on the results of the soil sampling completed in the Phase II ESA, no additional investigation or remediation was deemed warranted for PCB.

Fluoride

The pre-remedial distribution of fluoride in soil as determined from the BT Squared "Groundwater Update Letter and Soil Fluoride Investigation Report" dated March 21, 2011, is shown on Figure B.2.a.2. Pre-remedial soil analytical results for fluoride are included as Table A.2.6. No concentrations of fluoride exceeded the residential direct contact standard of 3,100 mg/kg for fluoride. The concentration of fluoride identified in soil at one location (DP197) near the former pond was above the current NR 720 groundwater protection standard of 1,200 mg/kg. Based on the results of the soil sampling completed in the Phase II ESA, no additional soil investigation or soil remediation was deemed warranted for fluoride. Fluoride was however included as a COC for groundwater.
The majority of the remaining mass of fluoride in groundwater was located near and down gradient of the former pond. As discussed in a subsequent section of this report, the groundwater samples collected from the existing monitoring wells confirmed the plume of fluoride is stable after implementing the remedial action.

LUST Site (source property)

Additional site investigation activities completed in March and November 2007 indicated no residual soil exceeding direct contact standards within the top 4 feet in any of the collected soil samples. In addition, soil sampling results indicated no exceedences of the groundwater pathway standards with the exception of one soil sample collected at or below the water table which exceeded the groundwater protection standard for chrysene.

ii. Describe the level and types of **soil contaminants** found in the upper four feet of the soil column.
Lead

As discussed above, lead was identified above the approved cleanup goal of 250 mg/kg in the upper four feet of soil. The concentrations of lead identified in soil were above the current NR 720 groundwater protection standard of 27 mg/kg. One soil sample collected at DP126 from 1 to 2 fee bgs also exceeded the residential direct contact standard of 400 mg/kg.

Pesticides

The pre-remedial distribution of pesticides in soil, as determined from the site investigation activities. Pre-remedial soil analytical results for pesticides, including the samples collected during the remedial excavation. Pesticides were identified above the approved cleanup goal of 1 mg/kg in the soil sample collected from 1 to 2 feet bgs at DP104. The concentration of atrazine at this sample location also exceeded the current NR 720 residential direct contact standard. No other samples exceeded the residential direct contact standards for pesticides.

Fluoride
No concentrations of fluoride exceeded the residential direct contact standard of 3,100 mg/kg for fluoride. The concentration of fluoride identified in soil at one location (DP197) near the former pond was above the current NR 720 groundwater protection standard of 1,200 mg/kg. Based on the results of the soil sampling completed in the Phase II ESA, no additional soil investigation or soil remediation was deemed warranted for fluoride. Fluoride was however included as a COC for groundwater.

No other constituents exceeded the residential direct contact standards at the Site.

iii. Identify the ch. NR 720, Wis. Adm. Code, method used to establish the soil cleanup standards for this site. This includes a soil performance standard established in accordance with s. NR 720.08, a Residual Contaminant Level (RCL) established in accordance with s. NR 720.10 that is protective of groundwater quality, or an RCL established in accordance with s. NR 720.12 that is protective of human health from direct contact with contaminated soil. Identify the land use classification that was used to establish cleanup standards. Provide a copy of the supporting calculations/ information in Attachment C.
The clean-up criteria necessary to achieve closure under NR 726 and the VPLE Program, as presented in the RAP and approved by DATCP and the WDNR, are presented in Attachment C. Revisions to NR 720, Soil Cleanup Standards, took affect November 2013, subsequent to the implementation of the remedial excavation activities and agencies'

approval of cleanup standards. The current NR 720 soil cleanup standards are not significantly different than the cleanup criteria approved at the Site. The current NR 720 cleanup standards are also provided in Attachment C. While no clean-up goal was established for fluoride as part of the RAP, the RCLs for fluoride, as calculated by BT Squared and as established in the current NR 720, are listed for reference purposes. The "Current NR 720 Standards" are based on WDNR Guidance Document "Soil Residual Contaminant Level Determinations Using The U.S. EPA Regional Screening Level Web Calculator", Publication PUB-RR-890 March 2013 (Updated June 2014).

C. Groundwater

i. Describe degree and extent of groundwater contamination at or from this site. Relate this to known or suspected sources and known or potential receptors/migration pathways. Specifically address any potential or existing impacts to water supply wells or interception with building foundation drain systems.

Groundwater samples were collected from various monitoring wells between October 2004 and July 2014 and analyzed for nitrate+nitrite, ammonia, and fluoride, along with other parameters. Analytical results of the groundwater sampling completed on the monitoring wells by CB&I and REA in 2014 are similar in concentration to the historic samples collected at the Site. As discussed in the teleconference on March 26 and the meeting on May 19, 2014, the results of the analytical testing performed on the groundwater samples collected from the newly installed monitoring wells confirmed the downgradient extent of dissolved ammonia in groundwater. The distribution of fluoride, nitrate+nitrite and ammonia detected in groundwater in exceedance of the Enforcement Standard are presented in the attached figures.

ii. Describe the presence of free product at the site, including the thickness, depth, and locations.

No free product has been observed associated with the agrichemical investigation and remediation. Free product associated with the LUST site were previously reported and addressed.

D. Vapor

i. Describe how the vapor migration pathway was assessed, including locations where vapor or indoor air samples were collected. If the vapor pathway was not assessed, explain reasons why.

Evaluation of vapor migration is limited to the groundwater to indoor air pathway, as the vadose zone was remediated for all constituents of concern. There are no Vapor Action Levels or Vapor Intrusion Screening Levels for nitrate and/or nitrite due to the physical properties of these compounds. Therefore, vapor migration of nitrate and nitrite is not an existing pathway of concern nor a pathway of concern for future development. Fluoride has a Vapor Action Level, but has no Henry's Law Constant, and therefore, there is no Screening Level for the groundwater-to-indoor air pathway. Ammonia has a Vapor Action Level and Screening Level for the groundwater-to-indoor air pathway was calculated using approved WDNR methods. There is a potential for vapor migration from the groundwater associated with ammonia, but only from groundwater impacted by ammonia at or near the water table interface.

ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).

Aqueous ammonia from the submerged portion of the groundwater plume cannot physically volatilize and migrate as a vapor. The concentrations of ammonia in the water table wells ranged from <1.0 to 74.5 mg/L in the most recent sampling event, which are below the ammonia screening level (residential exposure scenarios) of 152 mg/L. The vapor screening levels for the groundwater to indoor air pathway were provided to Ms. Terry Evanson of the WDNR following the May 19, 2013 meeting. It is understood that Ms. Evanson provided concurrence, following review of the materials provided by CBI, that vapor intrusion from the ammonia concentration at the water table do not represent a risk under a residential exposure scenario. In addition, ammonia, like petroleum hydrocarbons will readily degrade and convert to nitrogen gas in the presence of oxygen, and therefore is not an existing pathway of concern nor a pathway of concern for future development.

E. Surface Water and Sediment

i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.

There are no wetlands located on or immediately adjacent to the source property. The closest surface water is Lake Monona, located approximately 2,200 feet west of the source property; therefore, surface water and/or sediment were not assessed.

ii. Identify any surface water and/or sediment action levels used to assess the impacts for this pathway and how these were derived. Describe where the DNR action levels were reached or exceeded.

As indicated above, surface water and/or sediment were not assessed.

4. Remedial Actions Implemented and Residual Levels at Closure

A. General: Provide a brief summary of the remedial action history. List previous remedial action report submittals by name and date. Identify remedial actions undertaken since the last submittal for this project and provide the appropriate documentation in Attachment C.

Agrichemical Soil Excavation Activities (the source property)

The following sections describe the environmental remedial activities completed by RDC Development and their consultants at the Site. These activities focused on the remediation of agrichemical soil contamination on the Site. Based on site investigation studies/reports commissioned by Agrium US and completed by the BT Squared, soil contamination of various

COCs were identified throughout the site. On August 10, 2009, BT Squared submitted a "Remedial Action Options Report" to the WDNR and DATCP which included remediation options for the excavation and removal of contaminated soils on the Site. It was determined that concentrations of nitrogen, pesticide, lead, and DRO exceeded acceptable standards established through prior studies and site investigations.

In the fall of 2011, RDC commissioned REA to develop a "Remedial Action Plan" defining a specific work plan for the soil excavation, off-site disposal, soil backfilling, and building foundation demolition material monitoring and disposal. Remedial activities were completed in accordance with specifications presented in the Remedial Action Plan (RAP) prepared by REA dated October 2011 and revised in November 2011. The RAP was reviewed and approved for implementation by DATCP on November 4, 2011 and by the WDNR on November 18, 2011.

Previous interim and remedial actions were documented in the following documents:

BT2, February 18, 2005, "Soil Excavation and Paving Report – Fall 2004, Royster-Clark, Inc., 902 Dempsey Road, Madison, Wisconsin".

BT2, July 8, 2010, Soil Excavation Report, Royster-Clark, Inc., 902 Dempsey Road, Madison, Wisconsin.

BT2, Inc. August 2010, Cap Maintenance Plan Royster Clark Madison Property, LUST Site.

WI DNR, September 2, 2010, Conditional Closure for the Leaking Underground Storage Tank `Site' at the former Royster Clark Madison Property.

WI DNR, January 5, 2011, Final Closure for the Leaking Underground Storage Tank `Site', Royster Clark Madison Property.

BT2, Inc. March 28, 2011, Groundwater Update Letter and Soil Fluoride Investigation Report, Royster-Clark Madison Property, 902 Dempsey Road, Madison, Wisconsin.

WI DATCP, April6, 2011, Review of the March 28, 2011 Groundwater Update and Soil Fluoride Investigation Report for the Royster Clark Madison Property.

Resource Engineering Associates Inc. (REA), October 28, 2011, Remediation Plan, Contaminated Soil Remediation, Royster Clark Facility Site.

WI DATCP, November 4, 2011, Remedial Action Plan Review.

WI DNR, November 18, 2011, Remedial Action Plan Review for former Royster Clark Inc. Madison Facility.

WI DATCP, November 11, 2011, Landspreading Clarification Letter

BT2, Inc. November 30, 2011, Groundwater Update Letter, Royster-Clark Madison Property

REA, Inc. November 30, 2011, Site Remediation Plan, Contaminated Soil Remediation, Royster Clark Facility Site.

WI DATCP/WI DNR, December 7, 2011, Remedial Action Plan Review, Royster Clark Madison Property.

REA, Inc. December 7, 2011, Supplement to the Remedial Action Plan, Royster Clark Facility Site.

Ruedebusch Development &Construction (RDC), March 14, 2012, Royster Clark Remedial Action Plan-Cap Replacement.

WI DNR, March 16, 2012, Cap Maintenance Plan at the former Royster Clark Site.

REA, Inc. April24, 2012, Final Report, Contaminated Soil Remediation for Royster Clark Facility Site.

WI DATCP, May 3, 2012, Final Report for Contaminated Soil Remediation Review Royster-Clark Inc. Facility.

WI DATCP, May 17, 2012, Final Report Contaminated Soil Remediation. Royster-Clark Inc. Facility.

REA, Inc. May 23, 2012, Landspread Report, Contaminated Soil Remediation, Royster Clark Facility Site.

REA, Inc. October 11, 2012, Landspread Report, Contaminated Soil Remediation Royster Clark Facility Site.

REA, Inc. November 1, 2012, Additional Soil Sampling Addendum, Former Royster-Clark Madison Property.

REA, Inc. December 12, 2012, Additional Soil Sampling Addendum, Former Royster-Clark Madison Property.

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REA, Inc.. February 28, 2013, Final Report Addendum, Contaminated Soil Remediation, Royster-Clark Facility Site.

WI DATCP, March 12, 2013, Review of the Contaminated Soil Remediation Final Report- Addendum, Former Royster-Clark, Inc. Madison Facility.

REA, Inc. Apri129, 2013, Former Royster Clark Site, Additional Soil Stockpile Landspreading Application.

B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.
Approximately 1,330 and 5,800 tons of nitrogen-affected soils were removed from the Site as part of interim actions completed in 2004 and 2005, respectively.

C. Describe the *active* remedial actions taken at the site, including: type of remedial system(s) used for each media impacted; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.

Remediation Activities
The remediation plan determined that contaminated soils would be removed in conjunction with building demolition and foundation removal procedures. Verification soil samples were collected along the side wall and base of the excavations. Sidewall verifications samples were collected every 25 feet at mid-level depth at each sampling location. If the excavation was greater than six-feet deep, a sample was also collected from the mid-level depth, plus one-half the distance to the surface above the mid-level depth and one-half the distance below the mid-level depth to the base of the excavation. Verification samples collected from the base of the excavations were collected at the center of the 25 feet square grids, representing a coverage area of 625 square feet. If a verification sample exceeded the WDATCP approved site clean-up goal, the excavation was expanded. Excavation and verification sampling continued throughout the designated area until verification samples confirmed residual soils were below the established soil clean-up goal.

The initial remedial strategy to address the affected soils was implemented during the period from December of 2011 through February of 2012. The initial excavation activities and the results of the soil verification samples were presented to DATCP and the WDNR in the Contaminated Soil Remediation Report dated February 2012. Based on a review of the "Final Report", supplemental soil excavations were requested by DATCP and conducted during October of 2012. An addendum to the "Final Report" was issued in February 2013 representing the results from additional excavation activities and confirmation soil samples requested by DATCP.

Nitrogen
Approximately 55,835 tons of nitrogen-affected soils were excavated in accordance with ATCP 35 and NR 718. An additional 12,756 tons of nitrogen-affected concrete were excavated and crushed at the Site. The nitrogen-affected soils and crushed-concrete were excavated and transported to agricultural landowners in the around the Town of Cottage Grove. The limits of the completed excavations are shown on Figure B.2.b.1, B.2.b.2, B.2.b.3. The soils and concrete materials were excavated and crushed by R.G. Huston Co., Inc., and stockpiled on-site. Excavated nitrogen-affected soil was landspread following guidelines and procedures found in ATCP Chapter 35 of the Wisconsin Administrative Code. The nitrogen-affected soil and crushed concrete were land-spread at a pre-determined rate of 50 to 125 lbs of total nitrogen per acre of cropland.

Bentonite Material (Nitrogen Excavation)
A layer of bentonite clay was discovered during the nitrogen soil remediation excavation of the former retention pond. The bentonite was encountered in the entire area of the former pond in a layer approximately 4 feet deep. Nitrogen-affected bentonite was not suitable for landspreading due to the consistency of the clay. As such, the bentonite exceeding the cleanup goal of 150 mg/kg for total nitrogen was excavated and disposed at a landfill. A total of 1,053 cu yds (1,480 tons) of nitrogen contaminated bentonite was excavated and disposed at the Madison Prairie Landfill.

Due to the structural instability of the bentonite as suitable fill material, non-impacted bentonite material was removed from the former retention pond area. A 266' by 36' by 12' deep trench was excavated along the northern boundary of the property. This area was designated for the disposal of the non-contaminated bentonite. The bentonite was allowed to dry before it was covered with a geomembrane liner and an 18 inch layer of gravel for stability. The total volume of non-contaminated bentonite was approximately 2,730 cu yds (3,023 tons).

Lead, DRO, and Pesticides
Soils affected by lead, DRO, and pesticide were excavated by R.G. Huston Co., Inc., and transported to Madison Prairie Landfill in Sun Prairie for disposal. Approximately 936 tons of lead-affected soils were excavated from the area located outside of the northwest corner of the main building. Approximately 326 tons of DRO-affected soil were excavated from the area located beneath the floor of the maintenance building. Approximately 79 tons of pesticide-affected soil were excavated from the area located north of the maintenance building.

Petroleum Hydrocarbon Remedial Actions (LUST site)
In September and October 1990, approximately 1,900 cubic yards of petroleum-affected soils were excavated and transported to the Valley Sanitation Landfill in Fort Atkinson, Wisconsin, for disposal. A groundwater pump and treat system operated from 1993 to 1997. In March 1997, the remedial system was upgraded to a dual-phase extraction system,

which operated until November 1998. Natural attenuation monitoring was initiated after shut-down of the remedial systems and continued until site closure was issued in January 2011.

Imported Fill
During 2012 and 2013, 78,328 cubic yards of soil from the Monona Drive Reconstruction projects, City street projects and an apartment building project was placed on site as imported fill. The WDNR requested imported fill material from the reconstruction project to be sampled and tested. The imported fill material will be address separately.

D. Provide a discussion of the nature, degree and extent of residual contamination that will remain at the site or on off-site affected properties after case closure.

Agrichemical (source property)

No residual soils were identified that exceeded the residential direct contact standards. Verification sampling completed at the sidewall and floor of the remedial excavations completed in 2011 and 2012 represent the post-remedial soil conditions of the source property. No residual soil exceeding the approved cleanup criteria remain within the vadose zone at the site. Nitrogen-impacted soil, above the approved cleanup criteria of 150 mg/kg, remains at the site, but these residual soils are located at or below the water table. The residual soil exceeding the cleanup criteria of 150 mg/kg for total nitrogen is limited to a surface area of approximately 49,000 square feet, all of which is located at or below the water table in accordance with the approved RAP.

LUST Site (source property)

The distribution of petroleum hydrocarbons, within the impacted soils at the site, was determined from the site post-remedial soil sampling completed in 2007. Results of the soil sample collected at the location of DP137 from 14 to 15 feet bgs exceeded the current NR 720 groundwater protection soil standards for Chrysene. There were no other concentrations of petroleum hydrocarbons greater than the current NR 720 RCLs from the post-remedial soil sampling completed in 2007.

The LUST site was closed by the WDNR in January 2011 with the continuing obligation of maintaining an impermeable cap to "minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards". The degree and extent of residual soil and groundwater contamination was provided in the July 2010 Closure Request for the Royster-Clark LUST Site prepared by BT2.

E. Describe the remaining soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds Residual Contaminant Levels established under s. NR 720. 12 , the ch. NR720, Wis. Adm. Code, for protection of human health from direct contact.

No soil contanination remains within the direct contact zone (0 to 4 feet bgs) that exceeds the site-specific or current residential direct contact standards.

F. Describe the remaining soil contamination in the vadose zone that attains or exceeds the soil standard(s) for the groundwater pathway.

No soil contamination remains in the vadose zone that attains or exceeds the soil standards for the groundwater pathway.

G. Describe how the residual contamination will be addressed, including but not limited to details concerning: covers, engineering controls or other barrier features; use of natural attenuation of groundwater; and vapor mitigation systems or measures.

Closure for the Site is requested from DATCP in accordance with Chapter NR 726 of the Wisconsin Administrative Code and from WDNR pursuant to Wis. Stat. § 292.15. The criteria satisfied at the Site for obtaining closure includes the following:

• Adequate source control with respect to both soil and groundwater measures have been implemented at the Site;

• The remaining constituents in soil and groundwater do not represent a risk to surface water quality standards in Chapters NR 102 to 106, air quality standards contained in Chapters NR 400 to 499, vapor action levels in indoor air under a residential exposure scenario, and public health or the environment;

• Natural attenuation will reduce constituent concentrations to levels below the NR 140 groundwater standards in a reasonable timeframe in accordance with NR 726.05(6) considering the criteria in Chapter NR 722.07;

• The groundwater plume is stable or receding; and

• Off-site notification required by Chapters NR 725 and 726 was provided to the affected property owners and right-of-way. The information collected during investigation, remediation, and performance monitoring activities that confirm that these criteria have been satisfied is summarized below.

Adequate Source Control

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Approximately 1,330 and 5,800 tons of nitrogen-affected soils were removed from the Site as part of interim actions completed in 2004 and 2005, respectively. Approximately 57,800 tons of soil and 12,756 tons of concrete affected by nitrogen, fluoride, lead, DRO and pesticides were removed from the Site during the remedial action completed in 2011 and 2012. The concentration of the constituents remaining in soils at the site do not exceed the direct contact RCLs and will not partition to groundwater, as confirmed from the groundwater sampling activities completed to-date. The constituents remaining in soil, therefore, do not represent a risk to human health or the environment, as described below.

Threat to Human Health or the Environment

The threat to human health or the environment is evaluated based on the contact pathways which can reasonably be completed. The pathways that can reasonably be completed at the Site include:

- Ingestion of soil;
- Inhalation of fugitive dust; and
- Ingestion of groundwater.

Ingestion of soil and inhalation of fugitive dust are in general potential pathways through exposure to affected soil in the direct contact interval. However, the post-remedial soil concentrations of COC remaining at the Site are below the NR 720 direct contact standards (at all depths) and the remedial excavations effectively eliminated the direct contact pathway. The remedial actions that have been implemented at the Site have addressed all of the contact pathways.

Ingestion of groundwater does not represent a threat at this Site. There are no potable wells located within the estimated area of groundwater exceeding the Preventive Action Limits, and no other wells exist on the Site that will use groundwater for non-potable purposes. Drinking water at the Site and surrounding area is provided by the City of Madison municipal water supply system. Therefore, the constituents dissolved in groundwater at the Site do not and will not affect properties beyond the contaminated Site boundaries, and the ingestion of groundwater at the Site therefore does not represent a pathway of concern.

Evaluation of vapor migration is limited to the groundwater to indoor air pathway, as the vadose zone was remediated for all constituents of concern. There are no Vapor Action Levels or Vapor Intrusion Screening Levels for nitrate and/or nitrite due to the physical properties of these compounds. Therefore, vapor migration of nitrate and nitrite is not a pathway of concern. Fluoride has a Vapor Action Level, but has no Henry's Law Constant, and therefore, there is no Screening Level for the groundwater-to-indoor air pathway. Ammonia has a Vapor Action Level and Screening Level for the groundwater-to-indoor air pathway was calculated using approved WDNR methods. The concentrations of ammonia in the water table wells ranged from <1.0 to 74.5 mg/L in the most recent sampling event, which are below the ammonia screening level (residential exposure scenarios) of 152 mg/L. As such, vapor intrusion does not represent a risk at the Site. The remaining levels of ammonia at the water table are below the residential screening level for vapor intrusion. In addition, ammonia, like petroleum hydrocarbons will readily degrade and convert to nitrogen gas in the presence of oxygen.

H. If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration, (e.g. stable or receding groundwater plume).

Statistical evaluations were conducted for each monitoring well with constituents detected at concentrations exceeding the NR 140 Enforcement Standards. The statistical evaluations were completed using the entire dataset (all sampling dates). Duplicate samples were collected September 2013 by CB&I using low-flow sampling methods and by REA using traditional bailer techniques. The two sampling method produce similar results; therefore, the two sample results from September 2013 were considered duplicates and averaged for the purposes of the statistical evaluation.

The considerable source removal activities completed in the source areas are a significant change in condition of groundwater over the entire data set; therefore, the statistical evaluations were also completed using the post remedial groundwater dataset (i.e., best represented by the groundwater sampling completed from December 2012 through July 2014). The constituents detected in groundwater at concentrations exceeding the NR 140 Enforcement Standards include ammonia-nitrogen, nitrate-nitrogen, and/or fluoride in Monitoring Well Nos. MW2, MW-2P, MW-2PP, MW-2PPP, MW-3, MW-7, MW-4RR, MW-6, MW-6P, MW6-PP, MW-6PPP, MW-7, MW-8, MW-9PP, and MW-9PPP. Using Microsoft Excel (Excel), a parametric statistical evaluation or regression analysis was completed for the comparison of the groundwater concentration versus time and the groundwater concentration versus the observed groundwater elevation. These comparisons were used to determine the significance of a linear relationship between each dataset. Groundwater concentrations versus time and versus the groundwater elevation were plotted using Excel to graphically show the groundwater trends.

The trends of groundwater concentrations and groundwater elevations were analyzed using the natural log of the concentrations. The data was first normalized by plotting the natural log of the concentrations against the sampling date and the groundwater elevation. The linear trend line and the coefficient of determination (R2) were provided on the log-transformed data plots of each well, both for the entire dataset and for the post-remedial dataset.

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In addition to the regression analysis, first order decay calculations were used to estimate time required to meet the NR 140 Enforcement Standard. Point Decay Rate Constant (Kpoint) was calculated using the plot of the natural log of the concentration versus time for each monitoring well and constituent of concern. The negative slope of the linear trend line is used to estimate the attenuation processes, such as dispersion and biodegradation, and the time required to meet the groundwater standard.

The nonparametric statistical evaluations were also completed on the post-remedial data sets using the Mann-Kendall statistical spreadsheet (GSI Mann-Kendall Toolkit, available at www.gsi-net.com) to further evaluate the groundwater trends.

The results of the statistical evaluation were presented the September 2014 Closure Assessment Report. The regression analyses and the Mann-Kendall evaluations indicate stable or decreasing concentrations for all constituents for the period from December 2012 to July 2014 with the following exceptions:

- Fluoride at MW-4RR, MW-6P, and MW-7; and
- Ammonia at MW-2PP and MW-6PP.

While the regression analyses and Mann-Kendall evaluations do not numerically indicate stable or decreasing trends for MW-4RR, MW-6P, MW-7 fluoride and MW-2PP and MW-6PP for ammonia, using the existing data, the overall site conditions, however, confirm the plume margins remain stable. Further, as discussed in the Groundwater Sampling and Plume Evaluation report dated October 2013, the geochemical conditions at the Site promote denitrification and precipitation of fluoride. In addition, the concentrations of fluoride at MW-7 ranged from 18 to 46 mg/L during the last eight quarters of sampling. The concentrations of fluoride also showed a strong correlation to the water table elevation. The strong correlation with the water table elevation indicates the relatively low variation in fluoride concentration may be attributed to seasonal fluctuations and not actual increasing concentrations, as indicated by the "no trend" conclusion from the Mann-Kendall evaluation. The ammonia concentrations at MW-6PP were more variable, ranging from 1.39 to 104 mg/L during the last eight quarters of sampling, which is likely associated with the fluctuating vertical hydraulic gradients measured at the MW-6P and MW-6PP well nest. Vertical hydraulic gradients measured at the MW-6P and MW-6PP well nest ranged from an upward vertical gradient of 0.043 ft/ft to a downward vertical gradient of 0.027 ft/ft. The low variability of the ammonia concentrations at MW-9PP (10.3 to 14.6 mg/L) and MW-9PPP (31.3 to 41 mg/L) also suggest a stable plume margin.

I. Identify how all exposure pathways were removed and/or adequately addressed by immediate and/or remedial action(s) described above in paragraphs, B, C, D, E and F.

Soil sampling indicates there is no threat to human health from direct-contact. Groundwater sampling indicates the affected groundwater is stable and natural attenuation processes will reduce the affected groundwater within a reasonable period of time.

In the event that any impacted soil will be disturbed, any soil removed must be tested and properly characterized to determine if contamination remains. If sampling confirms that contamination is present, the property owner or ROW owner at the time of excavation will need to determine the proper storage, treatment or disposal of the soil in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or direct contact hazard if testing reveals that contamination exists at levels posing an inhalation or direct contact hazard and, as a result, special precautions may need to be taken during excavation activities to prevent a health threat to humans. Contaminated soil may be managed in—place, in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval.

J. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.

There is no system hardware anticipated to be left in place after site closure.

K. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances.

The constituents dissolved in groundwater at the Site (nitrate+nitrite, ammonia, and fluoride) were formerly released near the central portion of the source property. Groundwater sampling and analytical data conducted over the period from 2004 to 2014 and the post-remedial groundwater monitoring from 2012 to 2014 indicate the concentration of nitrate+nitrite, ammonia, and fluoride have decreased significantly as a result of the remedial activities, and the downgradient plume margins are stable or receding. Groundwater samples collected from Monitoring Well No. MW-11PPPP, MW-12PPPP, MW-13PPPP, and MW-14PPPP, located downgradient, do not contain levels of constituents above the NR 140 ES. The concentrations of constituents of concern are less than the NR 140 Enforcement Standard in the groundwater samples collected from down-gradient Monitoring Well Nos. MW-11PPPP, MW-12PPPP, MW-13PPPP, and MW-14PPPP. The point of compliance for groundwater at this Site is represented by these Monitoring Wells. The groundwater sampling conducted in the monitoring wells downgradient of the property boundary indicates that the ammonia has migrated beyond the property boundaries within the bedrock aquifer. The statistical evaluation of the constituents in groundwater indicate the natural attenuation processes will reduce the residual nitrate+nitrite, ammonia, and fluoride in the groundwater in a reasonable period of time.

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The natural biological and physical processes will degrade the residual nitrate+nitrite, ammonia, and fluoride in soil and groundwater at the Site. As a condition of closure, the Site will be listed on the WDNR GIS Registry for soil and groundwater. Properties, including right-of-way, not owned by RDC Development that contain residual soil contamination above cleanup standards received off-site notices and properties, including right-of-way, not owned by RDC that contain groundwater contamination in excess of ch. NR 140 Enforcement Standards also received off-site notifications.

L. If a DNR action level for vapor intrusion was exceeded (for indoor air, sub slab, or both) describe where it was exceeded and how the pathway was addressed.
There are no vapor screening levels exceeded located on or adjacent to the Site.

M. Describe the surface water and/or sediment contaminant concentrations and areas after remediation. If a DNR action level was exceeded, describe where it was exceeded and how the pathway was addressed.
There are no surface water bodies located on or adjacent to the Site.

5. Continuing Obligations: Situations where a maintenance plan(s) and inclusion on DNR's GIS Registry are required.

Directions: Check all that apply to this case closure request:

	This scenario Applies to this Case Closure		Case Closure Scenario: Maintenance Plans and GIS Registry	Maintenance Plan (s) Required in Attachment D	GIS Registry Listing
	A. On-Site	B. Off-Site			
i.	☐	☐	Engineering Control/Barrier for Direct Contact	✓	✓
ii.	☐	☐	Engineering Control/Barrier for Groundwater Infiltration	✓	✓
iii.	☐	☐	Vapor Mitigation - post closure passive system	✓	✓
iv.	☐	☐	Vapor Mitigation - post closure active system	✓	✓
v.	☒	☒	None of the above scenarios apply to this case closure	NA	NA

6. Continuing Obligations: Situations where inclusion on DNR's GIS Registry is required.

Directions: Check all that apply to this case closure request:

	This scenario Applies to this Case Closure		Case Closure Scenario: GIS Registry Only	GIS Registry Listing
	A. On-Site	B. Off-Site		
i.	☒	☐	Residual soil contamination exceeds ch. NR 720 generic or site-specific RCLs	✓
ii.	☒	☒	Sites with groundwater contamination equal to or greater than the ch. NR 140, enforcement standards (ES)	✓
iii.	☐	☐	Monitoring wells: lost, transferred or remaining in use	✓
iv.	☐	☐	Structural Impediment (not as a performance standard)	✓
v.	☐	☐	Residual soil contamination remaining at ch. NR 720 Industrial Use levels	✓
vi.	☐	☐	Vapor intrusion may be future, post-closure issue if building use or land use changes	✓
vii.	☐	☐	None of the above scenarios apply to this case closure	NA

7. Underground Storage Tanks

A. Were any tanks, piping or other associated tank system components removed as part of the investigation or remedial action? ○ Yes ◉ No

B. Do any upgraded tanks meeting the requirements of ch. SPS 310, Wis. Adm. Code, exist on the property? ○ Yes ◉ No

C. If the answer to question 7b is yes, is the leak detection system currently being monitored? ○ Yes ○ No

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Data Tables (Attachment A)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form.All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General directions for Data Tables:

- Use bold and italics font on information of importance on tables and figures. Use **bold font** for ch. NR 140, Wis. Adm. Code, groundwater enforcement standard (ES) attainments or exceedances, and *italicized font* for ch. NR 140, Wis. Adm. Code, groundwater preventive action limit (PAL) standard attainments or exceedances.
- Do not use shading or highlighting on the analytical tables.
- Include on Data Tables the level of detection for results which are below the detection level (i.e. do not just list as no detect (ND)).
- Include the units on data tables.
- Summaries of all data must include information collected by previous consultants.
- Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15 (3)(c), Wis. Adm. Code, in the format required in s. NR 716.15(4)(e), Wis. Adm. Code.
- Include in Attachment A all of the following tables, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: A.1. Groundwater Analytical Table; A.2. Pre-remedial Soil Analytical Table, etc).
- For required documents, each table (e.g., A.1., A.2., etc.,) should be a separate PDF.

A. Data Tables

A.1. **Groundwater Analytical Table(s):** Table(s) showing the analytical results and collection dates, for all groundwater sampling points e.g. monitoring wells, temporary wells, sumps, extraction wells, any potable wells and any other wells, extraction wells and any potable wells for which samples have been collected.

A.2. **Pre-remedial Soil Analytical Table(s):** Table(s) showing the soil analytical results and collection dates - prior to conducting the interim and/or remedial action. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).

A.3. **Post-remedial Soil Analytical Table(s):** Table(s) showing the post-remedial action soil analytical results and collection dates. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).

A.4. **Pre and Post Remaining Soil Contamination Soil Analytical Table(s):** Table(s) showing only the pre and post remedial action soil analytical results that exceed a Residual Contaminate Level (RCL) or a Site-Specific Residual Level (SSRCL).

A.5. **Vapor Analytical Table**: Table(s) showing type(s) of samples, sample collection methods, analytical method, sample results, date of sample collection, time period for sample collection, method and results of leak detection, and date, method and results of communication testing.

A.6. **Other Media of Concern (e.g., sediment or surface water)**: Table(s) showing type(s) of sample, sample collection method, analytical method, sample results, date of sample collection, time period for sample collection, method and results sampling.

A.7. **Water Level Elevations:** Table(s) showing all water level elevation measurements and dates from all monitoring wells. If present, free product should be noted on the table.

A.8. **Other:** This attachment should include: 1) any available tabulated natural attenuation data; 2) data tables pertaining to engineered remedial systems that document operational history, demonstrate system performance and effectiveness, and display emissions data; and (3) any other data tables relevant to case closure not otherwise noted above. If this section is not applicable, please explain the reasons why.

Maps and Figures (Attachment B)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions for all Maps and Figures:

- If any map or figure is not relevant to the case closure request, you must fully explain the reason(s) why and attach that explanation (properly labeled with the map/ figure title) in Attachment B.
- Provide on paper no larger than 11 x 17 inches, unless otherwise directed by the Department. Maps and figures may be submitted in a larger electronic size than 11x17 inches, in a portable document format (pdf) readable by the Adobe Acrobat Reader. However, those larger-size documents must be legible when printed.
- Prepare visual aids, including maps, plans, drawings, fence diagrams, tables and photographs according to the applicable portions of ss. NR 716.15(4), 726.09(2) and 726.11(3), (5) and (6), Wis Adm. Code.
- Do not use shading or highlights on any of the analytical tables.
- Include all sample locations.
- Contour lines should be clearly labeled and defined.
- Include in Attachment B all of the following maps and figures, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: B.1. Location Map; B.2. Detailed Site Map, etc).

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- For the electronic copies that are required, each map (e.g., B.1.a., B.2.a, etc.,) should be a separate PDF.

B.1. Location Maps

B.1.a. **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all impacted and/or adjacent parcels. If groundwater standards are exceeded, include the location of all potable wells, including municipal wells, within 1200 feet of the area of contamination.

B.1.b. **Detailed Site Map:** A map that shows all relevant features (buildings, roads, current ground surface cover, individual property boundaries for on-site and applicable off-site properties, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code.

B.1.c. **RR Site Map:** From RR Sites Map (http://dnrmaps.wi.gov/sl/?Viewer=RR Sites) attach a map depicting the source property, and all open and closed BRRTS sites within a half-mile radius or less of the property.

B.2. Soil Figures

B.2.a. **Pre-remedial Soil Contamination:** Figure(s) showing the sample location of all pre-remedial, unsaturated contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeded a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code.

B.2.b. **Post-remedial Soil Contamination :** Figure(s) showing the sample location of all post-remedial, unsaturated contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.

B.2.c. **Pre/Post Remaining Soil Contamination:** Figure(s) showing the only location of all pre and post remedial residual soil sample location(s) where unsaturated contaminated soil remains after remediation and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminate Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.

B.3. Groundwater Figures

B.3.a. **Geologic Cross-Section Figure(s):** One or more cross-section diagrams showing soil types and correlations across the site, water table and piezometric elevations, and locations and elevations of geologic rock units, if encountered. Display on one or more figures all of the following:

- Source location(s) and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).
- Source location(s) and lateral and vertical extent if groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES)
- Surface features, including buildings and basements, and show surface elevation changes.
- Any areas of active remediation within the cross section path, such as excavations or treatment zones.
- Include a map displaying the cross-section location(s), if they are not displayed on the Detailed Site Map (Map B.1b)

B.3.b. **Groundwater Isoconcentration:** Figure(s) showing the horizontal extent of the post-remedial groundwater contamination exceeding a ch. NR 140, Wis. Adm. Code, Preventive Action Limit (PAL) and/or an Enforcement Standard (ES). Indicate the date and direction of groundwater flow based on the most recent sampling data.

B.3.c. **Groundwater Flow Direction:** Figure(s) representing groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit two groundwater flow maps showing the maximum variation in flow direction.

B.3.d. **Monitoring Wells:** Figure(s) showing all monitoring wells, with well identification number. Clearly designate any wells that: (1) are proposed to be abandoned; (2) cannot be located; (3) are being transferred; (4) will be retained for further sampling, or (5) have been previously abandoned.

B.4. Vapor Maps and Other Media

B.4.a. **Vapor Intrusion Map:** Map(s) showing all locations and results for samples taken to investigate the vapor intrusion pathway, in relation to remaining soil and groundwater contamination, including sub-slab, indoor air, soil vapor, ambient air, and communication testing. Show locations and footprints of affected structures and utility corridors, and/or where residual contamination poses a future risk of vapor intrusion.

B.4.b. **Other media of concern (e.g., sediment or surface water)**: Map(s) showing all sampling locations and results for other media investigation. Include the date of sample collection and identify where any standards are exceeded.

B.4.c. **Other:** Include any other relevant maps and figures not otherwise noted above. (This section may remain blank)

Documentation of Remedial Action (Attachment C)

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If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

- Include in Attachment C all of the following documentation, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: C.1. Site Investigation Documentation; C.2. Investigative Waste, etc).
- If the documentation requested below is "not applicable" to the site-specific circumstances, include a brief explanation to support that conclusion.
- If the documentation requested below has already been submitted to the Department, please note the title and date of the report for that particular document requested.

C.1. **Site investigation documentation,** that has not otherwise been previously submitted.

C.2. **Investigative waste** disposal documentation.

C.3. **Provide a description of the methodology used along with all supporting documentation if the Residual Contaminant Levels are different than those contained in the Department's RCL Spreadsheet available at: http://dnr.wi.gov/topic/Brownfields/Professionals.html.**

C.4. **Construction documentation** or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), Wis. Adm. Code.

C.5. **Decommissioning of Remedial Systems.** Include plans to properly abandon any systems or equipment upon receiving conditional closure.

C.6. **Photos.** For sites or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system. Include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features should be visible and discernible. Photographs must be labeled with the site name, the features shown, location and the date on which the photograph was taken.

C.7. **Other**. Include any other relevant documentation not otherwise noted above. (This section may remain blank)

Maintenance Plan(s) and Photographs (Attachment D)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

When one or more "maintenance plans" are required for a site closure, include in each maintenance plan all required information listed below, and attach the plan(s) in Attachment D. The following "model" maintenance plans can be located at: (1) Maintenance plan for a engineering control or cover: http://dnr.wi.gov/topic/Brownfields/documents/maintenance-plan.pdf; and (2) Maintenance plan for vapor intrusion: http://dnr.wi.gov/topic/Brownfields/documents/appendix5_606.pdf.

D.1. **Location map(s)** which show(s): (1) the feature that requires maintenance; (2) the location of the feature(s) that require(s) maintenance - on and off the source property; (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site; (4) the extent and type of residual contamination; and (5) and all property boundaries.

D.2. **Brief descriptions** of the type, depth and location of residual contamination.

D.3. **Description of maintenance action(s)** required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.

D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter.

D.5. **Contact information,** including the name, address and phone number of the individual or facility who will be conducting the maintenance.

D.6 Photographs

D.6.a. For site or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system, include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features shall be visible and discernible.

D.6.b. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.

Save...

Monitoring Well Information (Attachment E)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

Attach monitoring well construction and development forms (DNR FORM 4400-113 A and B: http://dnr.wi.gov/topic/groundwater/documents/forms/4400_113_1_2.pdf) for all wells that will remain in-use, be transferred to another party or that could not be located. A figure of these wells should be included in Attachment B.3.d.

Select One:

- ○ No monitoring wells were required as part of this response action.
- ◉ All monitoring wells have been located and will be properly abandoned upon the DNR granting conditional closure to the site
- ○ ***Select One or More:***
  - ☐ Not all monitoring wells can be located, despite good faith efforts. Attachment E must include description of efforts made to locate the "lost" wells.
  - ☐ One or more wells will be transferred to another owner upon case closure being granted. Attachment E should include documentation identifying the name, address and email for the new owner(s).
  - ☐ One or more wells will remain in use at the site after this closure. Attachment E must include documentation as to the reason(s) the well(s) will remain in use.

Notifications to Owners of Impacted Properties (Attachment F)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

- State law requires that the responsible party provide a 30-day, written advance notice (i.e., a letter) to certain persons prior to applying for case closure. This requirement applies if: (1) the person conducting the response action does not own the source property; (2) the contamination has migrated onto another property; and/or (3) one or more monitoring wells will not be abandoned.
- Use of Form 4400-286, Notification of Residual Contamination and Continuing Obligations, is required under ch. NR 725 for notifying property owners and right-of-way holders about residual contamination affecting their properties, and of continuing obligations which may be imposed. This form can be downloaded at http://dnr.wi.gov/files/PDF/forms/4400/4400-286.pdf.

Check all that apply to the site-specific circumstances of this case closure:

	A. Impacted Source Property and Owner is not Conducting Cleanup	B. Impacted Right of Way	C. Impacted Off-Site Property Owner	Impacted Property Notification Situations: Ch. NR 726 Appendix A Letter
1.	☒	☒	☒	Residual groundwater contamination exceeds Ch. NR 140 Wis. Administrative Code enforcement standards.
2.	☒	☒	☐	Residual soil contamination that attains or exceeds standards is present after the remedial action is complete, and must be properly managed should it be excavated or removed.
3.	☒	☐	☐	An engineered cover or a soil barrier (e.g. pavement) must be maintained over contaminated soil for direct contact or groundwater infiltration concerns.
4.	☐	☐	☐	Industrial land use soil standards were used for the clean-up standard.
5.	☐	☐	☐	A vapor mitigation system (or other specific vapor protection) must be operated and maintained.
6.	☐	☐	☐	Vapor assessment needed if use changes.
7.	☐	☐	☐	Structural impediment.
8.	☐	☐	☐	Lost, transferred or open monitoring wells.
9.	☐	☐	☐	Not Applicable.

If any of the previous boxes in rows 1 thru 8 were checked, include the following as part of Attachment F:

- FORM 4400-246;
- Copy of each letter sent, 30 days or more prior to requesting closure; and
- Proof of receipt for each letter.
- For this site closure, 30 (number) property (ies) has/have been impacted, the owners have been notified, and copies of the letters and receipts are included in Attachment F.

Save...

Source Legal Documents (Attachment G)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form.All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

Include all of the following documents, in this order, in Attachment G:

G.1. **Deeds - Source Property and Other Impacted Properties:** The most recent deed with legal descriptions clearly labeled for (1) the **Source Property** (where the contamination originated) and (2) all **off-source** (off-site) properties where letters were required to be sent per the ch. NR 700, Wis. Adm. Code, rule series (e.g., off-site cover maintenance required, lost monitoring well, off-site cover property impacts to groundwater exceeding the ch. NR 140, Wis. Adm. Code.

Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

G.2. ***Certified Survey Map:*** *A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (Lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

G.3. **Verification of Zoning**: Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.

G.4. **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description(s) accurately describe(s) the correct contaminated property or properties.

Signatures and Findings for Closure Determination

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

Check the correct box for this case closure request, and have either a professional engineer or a hydrogeologist, as defined in ch. NR 712, Wis. Adm. Code, sign this document.

☒ A response action(s) for this site addresses groundwater contamination (including natural attenuation remedies).

☒ The response action(s) for this site addresses media other than groundwater.

Engineering Certification

I _____ hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this case closure request has been prepared by me or prepared under my supervision in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this case closure request is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Printed Name	Title

Signature	Date	P.E. Stamp and Number

Save...

Hydrogeologist Certification

I _____ hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this case closure request is correct and the document was prepared by me or prepared by me or prepared under my supervision and, in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

_____ Printed Name

_____ Title

_____ Signature

_____ Date

Save...

Table A.1
Groundwater Analytical Table
Former Royster-Clark Facility, Madison, Wisconsin

		Laboratory Results						Field Results			
Sample	Date	Ammonia (mg/L)	Nitrate/Nitrite (mg/L)	Phosphorus (mg/L)	Fluoride (mg/L)	Lead (ug/L)	pH	Temperature (°C)	Specific Conductivity (ms/cm)	ORP (mV)	DO (mg/L)
NR 140 ES		9.7	10	--	4	15	--	--	--	--	--
NR 140 PAL		*0.97*	*2*	*--*	*0.8*	*1.5*	--	--	--	--	--
MW1	10/11/2004	*2.8*	<1.0	--	--	--					
	1/10/2005	<1.0	*2.2*	--	--	--					
	4/13/2005	<1.0	*4.1*	--	--	--					
	7/22/2005	*1.6*	<1.0	--	--	--					
	3/24/2006	*1.4*	<1.0	--	--	--					
	6/14/2006	*1.0*	1.4	--	--	--					
	9/15/2006	<1.0	12	--	--	--					
	1/9/2007	*1.4*	*4.9*	--	--	--					
	2/27/2007	*1.7*	*5.2*	--	--	--					
	12/6/2007	<1.0	*3.3*	--	--	--					
	6/18/2008	<1.0	*3.2*	--	--	--					
	12/10/2008	<1.0	1.7	--	--	--					
	8/12/2009	<1.0	*2.0*	--	--	--					
	4/1/2010	<1.0	1.7	--	0.26	--					
	11/20/2010	<1.0	1.1	--	--	--					
	11/7/2011	<1.0	*3.51*	--	--	--					
	3/26/2012	ND	1.3	0.200	0.24	--					
	6/4/2012	ND	ND	0.260	0.41	--					
	9/24/2012	ND	1.44	0.270	0.35	--					
	12/6/2012	ND	1.28	0.210	0.33	--					
	6/3/2013	ND	*2.21*	2.100	0.26	--					
	9/9/2013	ND 0.15	*1.87* *1.8*	0.740 0.190	0.190 0.2	--	6.2	15.9	0.3	252	1.3
MW1P	11/15/2007	20	<1.0	--	--	--					
	12/6/2007	21	<1.0	--	--	--					
	6/18/2008	18	<1.0	--	--	--					
	12/10/2008	18	<1.0	--	--	--					
	8/12/2009	16	<1.0	--	--	--					
	4/1/2010	15	*4.0*	--	--	--					
	11/20/2010	16	<1.0	--	--	--					
	11/7/2011	13.9	<1.0	--	--	--					
	6/4/2012	*8.49*	ND	0.013	0.19	--					
	9/24/2012	*7.33*	ND	0.024	0.18	--					
	12/6/2012	*6.68*	ND	0.035	0.19	--					
	6/3/2013	*6.69*	ND	0.056	0.2	--					
	9/9/2013	*6.75* *8.6*	ND <0.045	0.075 0.019	0.13 0.097	--	6.8	14.2	1.1	75	0.5
	12/12/2013	*7.15*	<1.0	--	--	--	4.5	7.8	1.1	-64	5.8
	2/27/2014	*8.38*	<1.0	--	--	--	6.9	7.2	1.2	-29	0.4
	5/29/2014	*6.02*	<1.0	--	--	--	10.2	10.9	1.1	-131	0.2
	7/23/2014	*5.17*	1.28	--	--	--	7.5	12.6	1.3	-49	0.2
MW2	10/11/2004	*2.3*	*4.0*	--	--	--					
	1/10/2005	*3.1*	14	--	--	--					
	4/13/2005	*1.4*	44	--	--	--					
	7/22/2005	*4.4*	*7.7*	--	--	--					
	3/24/2006	*5.0*	*5.4*	--	--	--					
	6/14/2006	*1.7*	12	--	--	--					
	9/15/2006	*1.1*	14	--	--	--					
	1/9/2007	*3.7*	*2.1*	--	--	--					
	2/27/2007	*3.8*	*5.5*	--	--	--					
	12/6/2007	*1.5*	1.5	--	--	--					
	6/18/2008	<1.0	*7.2*	--	--	--					
	12/10/2008	<1.0	<1.0	--	--	--					
	8/12/2009	<1.0	*2.4*	--	--	--					
	4/1/2010	<1.0	*5.8*	--	0.33	--					
	11/20/2010	<1.0	*2.0*	--	--	--					
	11/7/2011	*1.31*	*2.53*	--	--	--					
	3/26/2012	*1.01*	1.23	0.500	0.2	1.6*					
	6/4/2012	ND	1.07	0.870	0.41	--					
	9/24/2012	*2.35*	*4.9*	0.220	0.61	--					
	12/6/2012	*1.37*	*ND*	0.680	0.4	--					
	6/3/2013	ND	*5.33*	2.000	0.42	--					
	9/9/2013	ND 0.21	*3.02* *4.6*	0.890 0.88	0.45 0.38	--	7.0	14.2	0.6	158	1.7
	12/11/2013	ND	1.65	--	0.38	--					
	2/26/2014	ND	ND	--	0.25	--					
	5/28/2014	ND	1.93	--	--	--					
	7/24/2014	<1.0	1.70	--	--	--					

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Former Royster-Clark Facility, Madison, Wisconsin

		Laboratory Results						Field Results			
Sample	Date	Ammonia (mg/L)	Nitrate/Nitrite (mg/L)	Phosphorus (mg/L)	Fluoride (mg/L)	Lead (ug/L)	pH	Temperature (°C)	Specific Conductivity (ms/cm)	ORP (mV)	DO (mg/L)
NR 140 ES		9.7	10	--	4	15	--	--	--	--	--
NR 140 PAL		*0.97*	*2*	--	*0.8*	*1.5*	--	--	--	--	--
MW2P	11/15/2007	25	*7.7*	--	--	--					
	12/6/2007	21	*8.0*	--	--	--					
	6/18/2008	*7.6*	*5.7*	--	--	--					
	12/11/2008	<1.0	*2.5*	--	--	--					
	8/12/2009	*5.6*	16	--	--	--					
	4/1/2010	*2.4*	40	--	0.15	--					
	11/20/2010	*3.5*	70	--	--	--					
	11/7/2011	*2.49*	69.2	--	--	--					
	3/26/2012	ND	63.20	0.180	0.34	--					
	6/4/2012	ND	58.1	0.200	*0.82*	--					
	9/24/2012	ND	52.4	0.053	0.69	--					
	12/6/2012	ND	36.4	0.110	0.67	--					
	6/3/2013	*1.19*	*6*	0.770	0.46	--					
	9/9/2013	*2.46* *2.8*	*1.35* *1.3*	0.084 0.0097	0.36 0.22	--	6.9	14.3	2.7	65	0.3
	12/11/2013	*2.62*	ND	--	0.44	--					
	2/26/2014	*3.75*	ND	--	0.53	--					
	5/28/2014	*4.05*	ND	--	--	--					
	7/24/2014	*5.79*	<1.0	--	--	--					
MW2PP	8/12/2009	270	24	--	--	--					
	4/1/2010	200	1.1	--	ND	--					
	11/20/2010	320	37	--	--	--					
	11/7/2011	270	20.5	--	--	--					
	3/26/2012	173	1.17	0.055	0.14	--					
	6/4/2012	184	ND	0.080	0.11	--					
	9/24/2012	166	ND	0.069	0.1	--					
	12/6/2012	192	ND	0.067	0.1	--					
	4/9/2013	182	ND	0.088	0.2	--					
	6/3/2013	214	*5.56*	0.310	ND	--					
	9/9/2013	177 170	ND *8.4*	0.190 0.040	<0.057 <0.057	--	6.7	15.7	4.5	213	1.0
	12/11/2013	186	ND	--	<0.057	--					
	2/26/2014	189	ND	--	<0.057	--					
	5/28/2014	194	*2.55*	--	--	--					
	7/24/2014	259	*9.11*	--	--	--					
MW2PPP	11/7/2011	18.0	*3.89*	--	--	--					
	3/26/2012	201	ND	0.067	ND	--					
	6/4/2012	326	ND	0.120	0.08	--					
	9/24/2012	293	ND	0.120	0.06	--					
	12/6/2012	355	ND	0.160	0.063	--					
	3/27/2013	304	ND	0.150	0.14	--					
	6/3/2013	270	ND	0.079	ND	--					
	9/9/2013	281 250	ND <0.045	0.250 0.075	<0.057 <0.057	--	6.8	13.8	3.7	31	0.3
	12/12/2013	293	<1.0	--	--	--	6.8	7.7	5.8	48	3.9
	2/27/2014	309	<1.0	--	--	--	8.5	7.3	5.7	-109	2.8
	5/29/2014	290	<1.0	--	--	--	6.9	12.2	5.8	58	0.06
	7/23/2014	306	<1.0	--	--	--	7.7	12.8	5.7	-43	0.3
MW3	10/11/2004	<1.0	1.7	--	--	--					
	1/10/2005	<1.0	1.4	--	--	--					
	4/13/2005	<1.0	1.9	--	--	--					
	7/22/2005	<1.0	*2.5*	--	--	--					
	3/24/2006	<1.0	*4.5*	--	--	--					
	6/14/2006	<1.0	*3.5*	--	--	--					
	9/15/2006	<1.0	*2.5*	--	--	--					
	1/9/2007	<1.0	*3.2*	--	--	--					
	2/27/2007	<1.0	*3.6*	--	--	--					
	12/6/2007	<1.0	*2.5*	--	--	--					
	6/18/2008	<1.0	1.7	--	--	--					
	12/11/2008	<1.0	*3.2*	--	--	--					
	8/12/2009	<1.0	*2.8*	--	--	--					
	4/1/2010	<1.0	*3.0*	--	17	--					
	11/20/2010	<1.0	*3.7*	--	--	--					
	11/7/2011	<1.0	*2.06*	--	--	--					
	3/26/2012	ND	*4.23*	0.180	9.1	7.8*					
	6/4/2012	ND	*3.36*	0.740	16	0.2					

Table A.1
Groundwater Analytical Table
Former Royster-Clark Facility, Madison, Wisconsin

		Laboratory Results						Field Results			
Sample	Date	Ammonia (mg/L)	Nitrate/Nitrite (mg/L)	Phosphorus (mg/L)	Fluoride (mg/L)	Lead (ug/L)	pH	Temperature (°C)	Specific Conductivity (ms/cm)	ORP (mV)	DO (mg/L)
NR 140 ES		9.7	10	--	4	15	--	--	--	--	--
NR 140 PAL		*0.97*	*2*	--	*0.8*	*1.5*	--	--	--	--	--
MW3 (cont.)	9/24/2012	ND	ND	0.028	9.3	<0.16					
	12/6/2012	ND	ND	0.720	13	<0.16					
	3/26/2013	ND	1.36	0.530	20	--					
	6/3/2013	ND	*2.95*	1.300	19	--					
	9/9/2013	ND 0.18	*4.82* *4.6*	0.800 0.092	12 18	--	7.1	17.4	0.6	75	5.0
	12/11/2013	ND	*5.67*	--	14	--					
	2/26/2014	ND	*6.82*	--	14	--					
	5/28/2014	ND	1.39	--	19	--					
	7/24/2014	<1.0	1.30	--	14	--					
MW4/4R/4RR	10/11/2004	170	52	--	--	--					
	4/13/2005	220	16	--	--	--					
	4/1/2010	*5.2*	32	--	--	--					
	11/20/2010	*9.6*	*10*	--	--	--					
	6/4/2012	98.5	29.3	23.000	100	8.7					
	9/24/2012	76	42.9	7.400	58	<0.16					
	12/6/2012	77.5	41.1	13.000	61	<0.16					
	3/26/2013	56.5	74	13.000	45	--					
	6/3/2013	91.2	28.8	12.000	74	--					
	9/9/2013	29.5 31	40.8 33	12.000 10	47 46	--	5.8	15.9	1.5	144	0.9
	12/11/2013	27	28.9	--	58	--					
	2/26/2014	37.4	31.2	--	60	--					
	5/28/2014	50.1	36.1	--	51	--					
	7/24/2014	52.2	16.2	--	63	--					
MW5	10/11/2004	<1.0	<1.0	--	--	--					
	1/10/2005	<1.0	1.6	--	--	--					
	4/13/2005	<1.0	*2.0*	--	--	--					
	7/22/2005	<1.0	1.2	--	--	--					
	3/24/2006	<1.0	<1.0	--	--	--					
	6/14/2006	<1.0	*2.7*	--	--	--					
	9/15/2006	<1.0	1.3	--	--	--					
	1/9/2007	<1.0	*2.6*	--	--	--					
	2/27/2007	<1.0	*2.1*	--	--	--					
	12/6/2007	<1.0	*2.6*	--	--	--					
	12/10/2008	<1.0	1.2	--	--	--					
	8/13/2009	<1.0	1.4	--	--	--					
	4/1/2010	ND	1.8	--	0.25	--					
	11/20/2010	<1.0	<1.0	--	--	--					
	11/7/2011	<1.0	*2.54*	--	--	--					
	3/26/2012	ND	*3.29*	0.390	0.11	--					
	6/4/2012	ND	*4.29*	1.300	0.65	<0.16					
	9/24/2012	ND	*2.81*	0.032	0.65	<0.16					
	12/6/2012	ND	ND	0.310	*1*	<0.16					
	6/3/2013	ND	1.27	1.100	0.64	--					
	9/9/2013	ND 0.14	ND 0.48	0.730 0.220	*0.97* 0.75	--	6.9	16.9	2.0	295	1.5

Table A.1
Groundwater Analytical Table
Former Royster-Clark Facility, Madison, Wisconsin

		Laboratory Results						Field Results				
Sample	Date	Ammonia (mg/L)	Nitrate/Nitrite (mg/L)	Phosphorus (mg/L)	Fluoride (mg/L)	Lead (ug/L)	pH	Temperature (°C)	Specific Conductivity (ms/cm)	ORP (mV)	DO (mg/L)
NR 140 ES		9.7	10	--	4	15	--	--	--	--	--
NR 140 PAL		*0.97*	*2*	*--*	*0.8*	*1.5*	--	--	--	--	--
MW6	3/24/2006	280	140	--	--	--					
	6/14/2006	290	110	--	--	--					
	9/15/2006	410	130	--	--	--					
	1/9/2007	470	160	--	--	--					
	2/27/2007	470	150	--	--	--					
	12/6/2007	230	110	--	--	--					
	6/18/2008	250	81	--	--	--					
	12/10/2008	290	68	--	--	--					
	8/13/2009	96	66	--	--	--					
	4/1/2010	250	63	--	*1.7*	--					
	11/20/2010	320	62	--	--	--					
	11/7/2011	260	47.3	--	--	--					
	3/26/2012	332	44.2	24	4.5	15*					
	9/24/2012	243	34.8	31	5.4	<0.16					
	12/6/2012	239	88	21	*1.5*	0.19					
	4/9/2013	94.5	28.2	14	*2.4*	--					
	6/3/2013	136	27.7	7.8	*1.9*	--					
	9/9/2013	296 260	69.8 77	18 15	*1.8* *2.2*	--	7.2	15.9	4.3	154	0.9
	12/11/2013	102	65.4	--	0.75	--					
	2/26/2014	107	66.2	--	0.71	--					
	5/28/2014	43.5	35.1	--	*2.50*	--					
	7/24/2014	74.5	42.1	--	*3.50*	--					
MW6P	11/15/2007	320	63	--	--	--					
	12/6/2007	280	69	--	--	--					
	6/18/2008	350	76	--	--	--					
	12/10/2008	540	95	--	--	--					
	8/13/2009	410	85	--	--	--					
	4/1/2010	420	82	--	7.3	--					
	11/20/2010	330	83	--	--	--					
	11/8/2011	256	63	--	--	--					
	3/26/2012	253	57	1.1	12	21*					
	6/4/2012	80	16.9	1.4	5.1	<0.16					
	9/24/2012	206	46.4	0.63	9.5	<0.16					
	12/6/2012	271	45.1	0.057	10	<0.16					
	4/9/2013	234	44.8	0.32	10	--					
	6/3/2013	234	44.2	0.046	10	--					
	9/9/2013	219 140	42.8 38	0.091 0.018	*3.8* 9.6	--	7.2	16.2	3.7	7	0.3
	12/11/2013	210	41.6	--	10	--	7.2	9.7	3.6	14	3.3
	2/27/2014	228	38.8	--	10	--	7.5	9.2	3.4	72	0.4
	5/29/2014	192	37.1	--	9.0	--	9.8	12.6	3.4	116	0.1
	7/23/2014	192	32.5	--	12	--	7.7	12.9	3.2	-61	0.2
MW6PP	8/13/2009	110	*3.9*	--	--	--					
	4/1/2010	60	<1.0	--	ND	--					
	11/20/2010	51	<1.0	--	--	--					
	11/8/2011	40.1	<1.0	--	--	--					
	3/26/2012	45.2	1.03	0.77	ND	3.2*					
	6/4/2012	41.3	1.27	0.30	0.37	0.29					
	9/24/2012	47.5	*2.24*	0.12	0.17	<0.16					
	12/6/2012	49.3	*ND*	0.065	0.22	<0.16					
	4/9/2013	*1.39*	1.3	1.3	*3.4*	--					
	6/3/2013	43	ND	0.71	*0.9*	--					
	9/9/2013	87.5 41	ND 0.11	0.370 0.550	0.150 *0.84*	--	7.9	15.4	1.9	40	0.4
	12/11/2013	104	1.38	--	0.093	--	7.1	8.2	3.8	48	4.3
	2/27/2014	103	*2.3*	--	0.36	--	7.2	7.7	3.4	-11	0.3
	5/29/2014	72.8	1.33	--	--	--	9.6	13.0	3.4	-105	0.1
	7/23/2014	62.9	1.10	--	--	--	7.3	13.6	3.3	-78	0.3

Table A.1
Groundwater Analytical Table
Former Royster-Clark Facility, Madison, Wisconsin

		Laboratory Results						Field Results			
Sample	Date	Ammonia (mg/L)	Nitrate/Nitrite (mg/L)	Phosphorus (mg/L)	Fluoride (mg/L)	Lead (ug/L)	pH	Temperature (°C)	Specific Conductivity (ms/cm)	ORP (mV)	DO (mg/L)
NR 140 ES		9.7	10	--	4	15	--	--	--	--	--
NR 140 PAL		*0.97*	*2*	*--*	*0.8*	*1.5*	--	--	--	--	--
MW7/MW7R	12/6/2007	16	*7.0*	--	--	--					
	6/18/2008	*1.5*	*7.9*	--	--	--					
	12/11/2008	*1.6*	1.2	--	--	--					
	8/12/2009	*1.3*	*7.0*	--	--	--					
	4/1/2010	11	29	--	40	--					
	11/20/2010	*9.0*	1.8	--	--	--					
	11/7/2011	12.4	*6.94*	--	--	--					
	3/26/2012	16.4	*6.21*	2.0	6.21	4.2*					
	6/4/2012	9.96	*6.94*	4.6	26	2.3					
	9/24/2012	*2.49*	*7.6*	4.4	17	0.93					
	12/6/2012	*3.32*	*4.36*	2.4	18	0.35					
	3/26/2013	ND	*2.85*	4.5	24	--					
	6/3/2013	ND	1.82	13	46	--					
	9/9/2013	ND 0.82	ND 0.17	3.30 0.45	29 27	--	6.3	14.3	0.4	-40	0.3
	2/26/2014	ND	ND	--	27	--					
	5/28/2014	ND	*3.56*	--	27	--					
	7/24/2014	<1.0	1.62	--	28	--					
MW8	12/6/2007	<1.0	12	--	--	--					
	6/18/2008	<1.0	1.8	--	--	--					
	12/11/2008	<1.0	*2.2*	--	--	--					
	8/12/2009	<1.0	*8.5*	--	--	--					
	4/1/2010	<1.0	*6.0*	--	7.1	--					
	11/20/2010	<1.0	*4.8*	--	--	--					
	11/7/2011	<1.0	10.2	--	--	--					
	3/26/2012	ND	*5.11*	0.31	7.4	2.2*					
	6/4/2012	ND	*7.99*	0.16	8.4	<0.16					
	9/24/2012	ND	*4.64*	0.041	9.2	<0.16					
	12/6/2012	ND	*3.06*	0.069	9.6	<0.16					
	3/26/2013	ND	*2.54*	0.650	9	--					
	6/3/2013	ND	*2.22*	2.6	10	--					
	9/9/2013	ND 0.32	1.11 0.63	1.8 0.190	9.2 8.9	--	6.9	16.5	0.8	246	0.8
	12/11/2013	ND	*3.45*	--	6.4	--					
	2/26/2014	ND	*3.46*	--	7.3	--					
	5/28/2014	ND	ND	--	5.0	--					
	7/24/2014	<1.0	1.07	--	6.1	--					
MW8P	11/11/2013	80.2	ND	3.1	4.6	--					
	12/12/2013	62.3	<1.0	--	8.0	--	7.7	6.6	1.7	-124	4.3
	2/27/2014	80.5	<1.0	--	12	--	7.8	7.0	1.6	110	1.0
	5/28/2014	59.8	1.36	--	12	--	7.9	11.4	1.6	88	0.1
	7/23/2014	59.6	<1.0	--	14	--	7.9	12.8	1.6	-45	0.5
MW9PP	11/8/2011	*8.04*	<1.0	--	--	--					
	6/4/2012	16.9	ND	0.18	0.17	--					
	9/24/2012	11.6	ND	0.08	0.12	--					
	12/6/2012	11.4	ND	0.086	0.12	--					
	4/9/2013	10.3	ND	0.079	0.14	--					
	6/3/2013	13.6	ND	0.180	0.097	--					
	9/9/2013	14.2 15	ND <0.045	0.170 0.061	<0.057 0.057	--	7.0	12.5	1.3	-60	0.4
	12/12/2013	13	<1.0	--	--	--	4.2	8.2	1.2	-39	5.1
	2/26/2014	12.4	<1.0	--	--	--	7.1	6.9	1.2	-79	0.2
	5/28/2014	11.5	<1.0	--	--	--	7.2	11.0	1.2	-93	0.7
	7/22/2014	10.7	<1.0	--	--	--	7.6	12.6	1.2	-101	0.2
MW9PPP	11/8/2011	*2.34*	*2.29*	--	--	--					
	6/4/2012	29.8	ND	0.091	0.25	--					
	9/24/2012	39.9	ND	0.032	0.11	--					
	12/6/2012	36.4	ND	0.04	0.11	--					
	3/26/2013	31.3	ND	0.18	0.2	--					
	6/3/2013	37	ND	0.14	0.071	--					
	9/9/2013	36.8 41	ND <0.045	0.440 0.038	0.058 <0.057	--	7.0	12.9	1.5	25	0.8
	12/12/2013	26.9	<1.0	--	--	--	7.0	9.8	1.3	-88	2.3
	2/26/2014	33.7	<1.0	--	--	--	7.1	6.0	1.4	-82	0.4
	5/28/2014	27.3	<1.0	--	--	--	7.5	10.9	1.4	-137	0.2
	7/22/2014	22.1	<1.0	--	--	--	7.1	16.9	1.3	179	0.7

Table A.1
Groundwater Analytical Table
Former Royster-Clark Facility, Madison, Wisconsin

		Laboratory Results						Field Results			
Sample	Date	Ammonia (mg/L)	Nitrate/Nitrite (mg/L)	Phosphorus (mg/L)	Fluoride (mg/L)	Lead (ug/L)	pH	Temperature (°C)	Specific Conductivity (ms/cm)	ORP (mV)	DO (mg/L)
NR 140 ES		9.7	10	--	4	15	--	--	--	--	--
NR 140 PAL		*0.97*	*2*	*--*	*0.8*	*1.5*	--	--	--	--	--
MW9PPPP (140-145)	11/13/2013	26.7	<1.0	--	--	--	7.4	10.6	1.4	-96	2.7
MW9PPPP (160-165)	11/14/2013	31.9	<1.0	--	--	--	7.1	11.3	1.4	-31	2.6
MW9PPPP (180-185)	11/14/2013	10.4	<1.0	--	--	--	6.5	11.0	2.4	-27	5.0
MW9PPPP (200-205)	11/15/2013	31.9	<1.0	--	--	--	7.1	11.1	1.5	-124	3.9
MW9PPPP (215-220)	11/15/2013	*9.29*	<1.0	--	--	--	6.4	11.4	2.3	-15	4.2
MW9PPPP	12/12/2013	32.1	<1.0	--	0.094	--	7.0	9.8	1.5	47	3.3
	2/26/2014	12.8	<1.0	--	0.22	--	6.5	6.9	2.3	17	0.6
	5/28/2014	31.8	<1.0	--	--	--	7.3	11.5	1.5	40	0.04
	7/22/2014	<1.0	<1.0	--	--	--	6.9	12.9	0.3	4	2.8
MW10	11/11/2013	ND	1.23	0.34	*2.6*	--					
	12/11/2013	ND	1.29	--	*2.0*	--					
	2/26/2014	ND	ND	--	*1.4*	--					
	5/28/2014	ND	1.73	--	*1.8*	--					
	7/24/2014	<1.0	<1.0	--	*2.7*	--					
MW10PPP (39-41)	11/1/2013	<1.0	<1.0	--	0.25	--	7.8	10.2	1.4	-198	4.0
MW10PPP (59-61)	11/1/2013	<1.0	<1.0	--	0.25	--	7.5	10.8	1.2	-116	4.3
MW10PPP (82-84)	11/4/2013	<1.0	<1.0	--	0.29	--	7.7	10.7	1.3	-190	3.5
MW10PPP (138-140)	11/5/2013	<1.0	<1.0	--	0.20	--	7.8	11.5	0.8	-103	3.7
MW10PPP	12/12/2013	46.7	<1.0	--	0.062	--	5.1	7.8	1.8	133	32.9†
	2/27/2014	80.0	<1.0	--	0.14	--	6.9	7.3	2.2	111	0.5
	3/21/2014	74.0	<1.0	--	0.096	--	7.1	9.3	2.1	238	0.5
	5/28/2014	56.7	<1.0	--	--	--	7.2	11.5	2.1	26	0.04
	7/23/2014	55.7	<1.0	--	--	--	7.1	12.4	2.0	-46	0.5
MW11PPPP (120-125)	11/22/2013	*2.53*	<1.0	--	0.26	--	7.2	13.2	1.1	-127	3.5
MW11PPPP (160-165)	11/25/2013	<1.0	<1.0	--	<0.20	--	7.0	12.8	1.4	-84	3.4
MW11PPPP (195-200)	11/26/2013	<1.0	<1.0	--	0.31	--	6.7	12.3	1.6	-42	3.0
MW11PPPP	12/13/2013	<1.0	<1.0	--	0.066	--	7.2	11.1	1.0	-62	3.8
	2/26/2014	*1.17*	<1.0	--	0.12	--	7.1	7.0	1.3	-13	0.7
	3/21/2014	*1.00*	<1.0	--	0.12	--	7.0	10.5	1.4	57	0.4
	5/28/2014	<1.0	<1.0	--	--	--	6.7	13.1	1.8	11	0.2
	7/22/2014	<1.0	<1.0	--	--	--	7.2	16.1	0.4	-201	0.4
MW12PPPP (180-185)	12/10/2013	<1.0	<1.0	--	0.24	--	7.2	11.9	1.1	-116	2.9
MW12PPPP (195-200)	12/11/2013	<1.0	<1.0	--	<0.20	--	7.2	11.5	1.2	-106	3.5
MW12PPPP	12/13/2013	<1.0	<1.0	--	0.062	--	7.2	11.0	1.2	-51	3.1
	2/26/2014	<1.0	<1.0	--	0.13	--	7.2	4.7	1.2	36	0.8
	5/28/2014	<1.0	<1.0	--	--	--	10.4	12.5	1.2	-109	0.3
	7/22/2014	<1.0	<1.0	--	--	--	7.6	14.5	1.1	-48	0.7
MW13PPPP (165-170)	5/11/2014	<1.0	<1.0	--	--	--	7.3	13.9	0.8	-111	0.1
MW13PPPP (180-185)	5/12/2014	<1.0	<1.0	--	--	--	7.4	13.0	0.8	-140	0.1
MW13PPPP (195-200)	5/12/2014	<1.0	<1.0	--	--	--	7.9	13.5	0.7	-105	0.2
MW13PPPP	5/28/2014	<1.0	<1.0	--	--	--	7.4	12.8	0.6	-193	0.8
	7/22/2014	<1.0	<1.0	--	--	--	7.4	14.1	0.6	-107	0.2
MW14PPPP (155-160)	5/6/2014	<1.0	*2.17*	--	--	--	7.4	12.6	1.0	-177	0.1
MW14PPPP (175-180)	5/6/2014	<1.0	1.05	--	--	--	7.2	13.8	1.2	-80	0.6
MW14PPPP (195-200)	5/6/2014	<1.0	1.49	--	--	--	7.3	13.1	0.9	-98	0.2

Table A.1
Groundwater Analytical Table
Former Royster-Clark Facility, Madison, Wisconsin

		Laboratory Results						Field Results			
Sample	Date	Ammonia (mg/L)	Nitrate/Nitrite (mg/L)	Phosphorus (mg/L)	Fluoride (mg/L)	Lead (ug/L)	pH	Temperature (°C)	Specific Conductivity (ms/cm)	ORP (mV)	DO (mg/L)
NR 140 ES		**9.7**	**10**	**--**	**4**	**15**	--	--	--	--	--
NR 140 PAL		*0.97*	*2*	*--*	*0.8*	*1.5*	--	--	--	--	--
MW14PPPP	5/29/2014	<1.0	<1.0	--	--	--	7.2	12.9	0.8	23	0.2
	7/22/2014	<1.0	<1.0	--	--	--	7.3	16.1	0.8	34	0.7
PECFA MW1	12/6/2007	<1.0	<1.0	--	--	--					
	12/10/2007	<1.0	<1.0	--	--	--					
	8/13/2009	<1.0	<1.0	--	--	--					
	3/31/2010	<1.0	<1.0	--	--	--					
	11/20/2010	<1.0	<1.0	--	--	--					
	11/7/2011	<1.0	<1.0	--	--	--					
PECFA MW2	12/6/2007	<1.0	*2.6*	--	--	--					
	12/10/2007	<1.0	*5.0*	--	--	--					
	8/13/2009	<1.0	*3.8*	--	--	--					
	3/31/2010	<1.0	*5.9*	--	--	--					
	11/20/2010	<1.0	*2.8*	--	--	--					
	11/7/2011	<1.0	*4.24*	--	--	--					
	3/26/2012	ND	*5.36*	0.18	ND	--					
	6/4/2012	ND	*4.35*	0.16	0.32	--					
	9/24/2012	ND	*4.61*	0.20	0.29	--					
	12/6/2012	ND	*4.51*	0.12	0.36	--					
	9/9/2013	-- 0.22	-- *8.2*	-- <0.0053	-- 0.18	--	6.9	16.4	2.9	314	8.5
PECFA MW3	2/27/2007	<1.0	**53**	--	--	--					
	12/6/2007	<1.0	**46**	--	--	--					
	12/10/2007	<1.0	**16**	--	--	--					
	8/13/2009	<1.0	**12**	--	--	--					
	3/31/2010	<1.0	**14**	--	--	--					
	11/20/2010	<1.0	*7.3*	--	--	--					
	11/7/2011	<1.0	*5.66*	--	--	--					
	9/9/2013	-- 0.12	-- **26**	-- 0.9	-- <0.057	--	7.2	17.6	1.3	50	2.1

Red/Bold = Wisconsin Administrative Code NR 140 Enforcement Standard (ES) exceedence

Blue/Italic = Wisconsin Administrative Code NR 140 Preventive Action Limit (PAL) exceedence

Shaded samples collected during borehole advancement

† Instrument error suspected

MW-4 was damaged and was replaced by MW-4R on 4/30/12

Underlined results indicates sample collected by CB&I September 4-6, 2013

Table A.1
Groundwater Analytical Table
Groundwater Analytical Results - VOC

Royster Clark Phase 2 ESA / BT² Project #3234
(Results are in µg/l)

Sample	Date	Lab Notes	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Other VOCs
DP123	2/20/2007	--	<0.20	<0.50	0.47 J	0.73 J	0.27 J	<0.50	ND
DP143	2/22/2007	--	<0.20	<0.50	0.62 J	<0.50	0.23 J	<0.50	ND
DP150	2/23/2007	(1)	0.47 J	0.56 J	1.4	2.0	0.83	<0.50	Naphthalene 0.85
DP151	2/23/2007	--	0.23 J	<0.50	0.96	0.95 J	0.43 J	<0.50	sec-Butylbenzene 1.9 tert-Butylbenzene 0.34 J Naphthalene 0.46 J
PECFA MW1	2/27/2007	--	<0.25	<0.22	<0.11	<0.39	<0.44	<0.23	NA
PECFA MW2	2/27/2007	--	<0.25	<0.22	<0.11	<0.39	<0.44	<0.23	NA
PECFA MW3	2/27/2007	--	<0.25	<0.22	<0.11	<0.39	<0.44	<0.23	NA
PECFA MW4	4/3/2007	--	**9,700**	**4,000**	**29,000**	**19,000**	**4,800**	<92	NA
PECFA MW4P	2/27/2007	--	**940**	**1,000**	54	470	24 J	<4.6	NA
	4/3/2007	--	**890**	**820**	49	410	11 J	<4.6	NA
PECFA MW4PP	2/27/2007	(2)	**800**	*640*	*930*	*1,200*	8.8 J	<4.6	NA
	4/3/2007	--	**890**	**780**	**1,600**	*1,600*	12.1 J	<2.3	NA
PECFA MW5	2/27/2007	(2)	<0.25	0.62 J	0.68	3.4	3.95	<0.23	NA
PECFA MW5P	2/27/2007	--	<0.25	0.24 J	0.12 J	0.57 J	<0.44	<0.23	NA
	4/3/2007	--	<0.25	<0.22	0.17 J	<0.39	<0.44	<0.23	NA
MW6	4/3/2007	--	<0.25	<0.22	<0.11	<0.39	<0.44	<0.23	NA
Trip Blank	2/19/2007	--	<0.20	<0.50	<0.20	<0.50	<0.40	<0.50	ND
	2/22/2007	--	<0.20	<0.50	<0.20	<0.50	<0.40	<0.50	ND
	2/27/2007	--	<0.25	<0.22	0.11 J	<0.39	<0.44	<0.23	NA
	4/3/2007	--	<0.25	<0.22	<0.11	<0.39	<0.44	<0.23	NA

Table A.1
Groundwater Analytical Table
Groundwater Analytical Results - VOC

Royster Clark Phase 2 ESA / BT^2 Project #3234

(Results are in µg/l)

Sample	Date	Lab Notes	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Other VOCs	
NR 140 Enforcement Standards (ES)			5	700	1,000	10,000	480	60	Naphthalene	100
NR 140 Preventive Action Limits (PAL)			0.5	140	200	1,000	96	12	Naphthalene	10

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb)
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
ND = Not Detected
MTBE = Methyl-tert-butyl ether
VOCs = Volatile Organic Compounds
NA = Not Analyzed
-- = Not Applicable

NOTES:

NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
Bold+underlined values meet or exceed NR 140 enforcement standards.
Italic+underlined values meet or exceed NR 140 preventive action limits.

LABORATORY NOTES/QUALIFIERS:

J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.
(1) High concentration of a non-target analyte present.
(2) The sample, as received, was not preserved in accordance to the referenced analytical method.

Created by: TLR Date: 3/21/2007
Last revision by: TLR Date: 4/18/2007
Checked by: SMS Date: 4/20/2007

I:\3234\Tables\[GW_VOCs.xls]GW VOCs

Table A.1
Groundwater Analytical Table
Groundwater Analytical Results - PAHs

Royster Clark Phase 2 ESA / BT^2 Project #3234
(Results are in µg/l)

Sample	Date	Lab Notes	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(a) anthracene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(a) pyrene	Benzo(ghi) perylene	Chrysene	Dibenzo(a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
PECFA MW1	2/27/2007	--	<0.33	<0.69	<0.038	<0.044	<0.098	<0.049	<0.032	<0.12	<0.041	<0.13	<0.081	<0.062	<0.062	<0.32	<0.31	<0.40	<0.030	<0.044
PECFA MW2	2/27/2007	--	<0.34	<0.71	<0.039	<0.045	<0.10	<0.051	<0.033	<0.12	<0.042	<0.13	<0.084	<0.064	<0.064	<0.33	<0.32	<0.41	<0.031	<0.045
PECFA MW3	2/27/2007	--	<0.33	<0.69	<0.038	0.077 J	<0.098	<0.049	*0.053* J	<0.12	*0.051* J	<0.13	0.21 J	<0.062	<0.062	<0.32	<0.31	<0.40	0.12	0.054 J
PECFA MW4P	2/27/2007	--	<0.34	<0.72	<0.040	0.053 J	<0.10	<0.051	<0.033	<0.12	*0.057* J	<0.14	0.27 J	<0.065	<0.065	0.47 J	1.1	*89*	0.14	0.11 J
PECFA MW4PP	2/27/2007	--	<0.33	<0.69	<0.038	<0.044	<0.098	<0.049	<0.032	<0.12	<0.041	<0.13	0.081 J	<0.062	<0.062	0.42 J	0.44 J	2.3	0.034 J	0.073 J
PECFA MW5	2/27/2007	--	<0.33	<0.69	<0.038	<0.044	<0.098	<0.049	<0.032	<0.12	<0.041	<0.13	<0.081	<0.062	<0.062	2.0	4.0	3.0	<0.030	<0.044
PECFA MW5P	2/27/2007	--	<0.33	<0.70	<0.038	<0.044	<0.099	<0.049	<0.032	<0.12	<0.041	<0.13	<0.082	<0.063	<0.063	<0.32	<0.31	<0.40	<0.030	<0.044
NR 140 Enforcement Standards			NE	NE	3,000	NE	0.2	NE	0.2	NE	0.2	NE	400	400	NE	NE	NE	100	NE	250
NR 140 Preventive Action Limits			NE	NE	600	NE	0.02	NE	0.02	NE	0.02	NE	80	80	NE	NE	NE	10	NE	50

ABBREVIATIONS:
µg/l = micrograms per liter or parts per billion (ppb) PAHs = Polynuclear Aromatic Hydrocarbons NE = No Standard Established -- = Not Applicable

NOTES:
NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
Bold+underlined values meet or exceed NR 140 enforcement standards.
Italic+underlined values meet or exceed NR 140 preventive action limits.

LABORATORY NOTES AND QUALIFIERS:
J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

Created by: TLR Date: 3/21/2007
Last revision by: TLR Date: 3/21/2007
Checked by: SMS Date: 3/23/2007

I:\3234\Tables\[GW_PAHs.xls]GW PAHs

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 1 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
1-1	2	Progress	12/9/2011	244	<20	**244**
1-1	4	Progress	12/9/2011	214	<20	**214**
1-2	2	Progress	12/9/2011	241	51.8	**292.8**
1-1.2	2	Progress	12/9/2011	49.8	<20	49.8
1-1.2	4	Progress	12/9/2011	87.3	<20	87.3
1-1.3	4.5	Closure	12/9/2011	97	<20	97
1-1.4	2	Progress	12/9/2011	151	<20	**151**
1-1.4	4	Progress	12/9/2011	21.8	<20	21.8
1-1.4	5.5	Closure	12/9/2011	22.2	<20	22.2
1-1.5	2	Progress	12/9/2011	62.9	<20	62.9
1-1.5	5	Progress	12/9/2011	<20	<20	<40
1-2.1	2	Progress	12/9/2011	<20	<20	<40
1-2.1	4	Closure	12/9/2011	<20	<20	<40
1-3.1	2	Progress	12/9/2011	20.1	<20	20.1
1-3.1	4	Closure	12/9/2011	<20	<20	<40
1-1.1	6	Progress	12/12/2011	284	<40	**284**
1-1.2	6	Closure	12/12/2011	101	<20	101
1-4.1	1	Progress	12/12/2011	282	<80	**282**
1-4.1	2.5	Progress	12/12/2011	816	<160	**816**
1-4.1	5.5	Progress	12/12/2011	1990	<200	**1990**
1-4.1	6	Progress	12/12/2011	754	<160	**754**
1-4.1	9	Progress	12/12/2011	492	<80	**492**
1-4.1	9.5	Progress	12/12/2011	319	<20	**319**
1-4.2	1	Progress	12/12/2011	109	<20	109
1-4.2	2.5	Progress	12/12/2011	196	<20	**196**
1-4.2	4.5	Progress	12/12/2011	424	<80	**424**
1-4.2	7	Progress	12/12/2011	552	<80	**552**
1-4.2	9	Progress	12/12/2011	342	<80	**342**
1-4.3	3	Progress	12/12/2011	47.4	<20	47.4
1-4.3	6	Progress	12/12/2011	296	<40	**296**
1-4.4	3	Progress	12/12/2011	<20	<20	<40
1-4.4	5	Progress	12/12/2011	<20	<20	<40
1-4.4	7	Closure	12/12/2011	<20	<20	<40
1-5.1	1	Closure	12/12/2011	<20	<20	<40
1-5.2	1	Closure	12/12/2011	29.1	<20	29.1
1-6.1	1	Progress	12/12/2011	608	<80	**608**
1-6.1	2	Progress	12/12/2011	872	<160	**872**
1-6.1	3.5	Progress	12/12/2011	508	<80	**508**
1-6.1	8	Progress	12/12/2011	199	<20	**199**
1-6.2	1	Progress	12/12/2011	70.8	<20	70.8
1-7.1	1	Progress	12/12/2011	<20	<20	<40
1-7.2	1	Progress	12/12/2011	36.5	<20	36.5

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Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 1 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
1-8.1	1	Progress	12/12/2011	<20	<20	<40
1-8.2	1	Progress	12/12/2011	<20	<20	<40
1-9.1	1	Progress	12/12/2011	<20	<20	<40
1-4.2	9.5	Progress	12/13/2011	131	<20	131
1-4.2	13	Closure	12/13/2011	<20	<20	<40
1-6.1	4	Progress	12/13/2011	143	<20	143
1-6.1	7	Progress	12/13/2011	54.2	<20	54.2
1-0	1	Progress	12/16/2011	35.8	<20	35.8
1-0	3	Progress	12/16/2011	1000	94	**1094**
1-0	6	Progress	12/16/2011	888	<80	**888**
1-0	9	Progress	12/16/2011	1900	<160	**1900**
1-0	11	Closure	12/16/2011	106	<20	106
1-0.1	3	Progress	12/16/2011	956	<80	**956**
1-0.1	6	Progress	12/16/2011	1460	<400	**1460**
1-0.1	7	Progress	12/16/2011	2660	<400	**2660**
1-0.1	9	Progress	12/16/2011	392	33.1	**425.1**
1-0.1	11	Closure	12/16/2011	46.4	<20	46.4
1-0.2	9	Progress	12/16/2011	1030	203	**1233**
1-0.2	11	Closure	12/16/2011	77.9	44.2	122.1
1-0.3	9	Progress	12/16/2011	1100	<160	**1100**
1-0.4	7.5	Progress	12/19/2011	1150	<160	**1150**
1-0.4	8	Progress	12/19/2011	2460	<160	**2460**
1-0.4	8	Progress	12/19/2011	231	<20	**231**
1-0.4	8.5	Progress	12/19/2011	1790	<160	**1790**
1-0.4	9	Progress	12/19/2011	167	<20	**167**
1-0.5	8	Progress	12/19/2011	1710	<160	**1710**
1-0.5	9	Closure	12/19/2011	98.3	<20	98.3
1-0.6	4	Progress	12/19/2011	1420	<160	**1420**
1-0.6	6	Progress	12/19/2011	382	<40	**382**
1-0.7	6	Progress	12/19/2011	1130	120	**1250**
1-0.7	9	Progress	12/19/2011	1340	<160	**1340**
1-0.8	5	Progress	12/19/2011	436	<80	**436**
1-0.8	8	Closure	12/19/2011	117	<20	117
1-0.9	4	Progress	12/19/2011	746	65.3	**811.3**
1-0.9	7	Progress	12/19/2011	111	<20	111
1-0.9	9	Closure	12/19/2011	63.9	<20	63.9
1-1.5	4	Progress	12/19/2011	792	<80	**792**
1-1.6	4	Closure	12/19/2011	<20	<20	<40
1-0.10	4	Progress	12/20/2011	369	<20	**369**
1-0.10	6	Progress	12/20/2011	<20	<20	<40
1-0.11	6	Progress	12/20/2011	3110	<160	**3110**
1-0.12	4	Closure	12/20/2011	94.8	<20	94.8

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Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 1 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
1-1.5	7	Progress	12/20/2011	1000	<80	**1000**
1-1.7	9	Closure	12/20/2011	<20	<20	<40
1-1.10	5	Progress	12/21/2011	171	95.2	**266.2**
1-1.11	4	Progress	12/21/2011	<20	119	119
1-1.11	5	Closure	12/21/2011	<20	64.7	64.7
1-1.7	8	Progress	12/21/2011	<20	<20	<40
1-1.8	3.5	Progress	12/21/2011	600	<80	**600**
1-1.8	6	Progress	12/21/2011	716	131	**847**
1-1.8	8	Closure	12/21/2011	57	23.3	80.3
1-1.9	5	Closure	12/21/2011	<20	<20	<40
1-0.11	6	Progress	12/22/2011	936	142	**1078**
1-0.13	6	Progress	12/22/2011	788	<80	**788**
1-0.14	4	Closure	12/22/2011	<20	<20	<40
1-0.15	2	Closure	12/22/2011	132	<20	132
1-0.16	6	Progress	12/22/2011	648	<80	**648**
1-1.8	6	Progress	12/29/2011	<20	<20	<40
1-1.8 E	6	Progress	12/29/2011	524	<40	**524**
1-1.8 E	6.5	Progress	12/29/2011	550	<40	**550**
1-1.8 E	7	Closure	12/29/2011	<20	<20	<40
1-1.8 N	6	Closure	12/29/2011	84.3	<20	84.3
1-1.8 S	7	Closure	12/29/2011	<20	43.1	43.1
1-1.8 W	6	Closure	12/29/2011	<20	<20	<40
1W-1	3	Progress	1/6/2012	752	<80	**752**
1W-1	7	Progress	1/6/2012	478	<40	**478**
1W-1	9	Closure	1/6/2012	20.8	<20	20.8
1W-N	6	Progress	1/6/2012	<20	<20	<40
1W-N	9	Closure	1/6/2012	<20	<20	<40
1W-N	9	Progress	1/6/2012	209	<20	**209**
1W-NE	6	Progress	1/6/2012	<20	<20	<40
1W-NE	9	Closure	1/6/2012	36.9	<20	36.9
1W-NE	9	Progress	1/6/2012	249	<20	**249**
1W-S	6	Progress	1/6/2012	644	<80	**644**
1W-S	11	Closure	1/6/2012	<20	<20	<40
1W-S1	6	Progress	1/6/2012	622	<40	**622**
1W-S2	6	Progress	1/6/2012	36.2	<20	36.2
1W-SE	6	Progress	1/6/2012	1150	100	**1250**
1W-SE	6	Progress	1/6/2012	1810	<160	**1810**
1W-SW	6	Progress	1/6/2012	1180	<80	**1180**
1W-SW1	6	Progress	1/6/2012	165	<20	**165**
1W-W1	6	Progress	1/6/2012	<20	<20	<40
1W-W1	9	Closure	1/6/2012	<20	<20	<40
1W-S2	6	Closure	1/9/2012	<20	24.4	24.4

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 1 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
1W-S3	6	Closure	1/9/2012	<20	<20	<40
1W-S4	6	Closure	1/9/2012	47.3	<20	47.3
1W-SW2	6	Progress	1/9/2012	218	<20	**218**
1W-SW3	6	Progress	1/9/2012	378	<40	**378**
1W-SW4	6	Progress	1/9/2012	62.3	<20	62.3
1W-SW5	6	Progress	1/9/2012	110	21.4	131.4
1W-SW6	6	Closure	1/9/2012	<20	<20	<40
1W-W3	7	Progress	1/9/2012	124	27.6	**151.6**
1W-W4	4	Progress	1/9/2012	178	<20	**178**
1W-W4	6	Progress	1/9/2012	498	86.4	**584.4**
1W-W5	6	Progress	1/9/2012	188	26	**214**
1W-W6	6	Closure	1/9/2012	<20	<20	<40
A-A1	2	Progress	1/11/2012	<20	<20	<40
A-A1	6	Closure	1/11/2012	<20	<20	<40
A-A2	2	Progress	1/11/2012	956	180	**1136**
A-A2	3	Progress	1/11/2012	237	75	**312**
A-A2	5	Closure	1/11/2012	<20	<20	<40
A-B1	2	Progress	1/11/2012	<20	<20	<40
A-B1	5	Closure	1/11/2012	<20	<20	<40
A-B6	3	Progress	1/11/2012	<20	86.8	86.8
A-B6	4	Progress	1/11/2012	<20	85.4	85.4
A-B6	5	Progress	1/11/2012	<20	214	**214**
A-B6	7	Closure	1/11/2012	<20	240	**240**
A-C2	2	Progress	1/11/2012	287	<20	**287**
A-C2	5	Progress	1/11/2012	<20	<20	<40
A-F1	2	Progress	1/11/2012	91.1	<20	91.1
A-F1	5	Closure	1/11/2012	<20	<20	<40
A-A10	3	Progress	1/26/2012	187	101	**288**
A-A10	5	Progress	1/26/2012	522	56.9	**578.9**
A-A11	1	Progress	1/26/2012	42	115	**157**
A-A11	3	Progress	1/26/2012	<20	<20	<40
A-A11	6	Closure	1/26/2012	78.2	<20	78.2
A-A7	3	Progress	1/26/2012	<20	<20	<40
A-A7	6	Closure	1/26/2012	<20	<20	<40
A-A8	3	Progress	1/26/2012	1780	186	**1966**
A-A8	6	Progress	1/26/2012	197	<20	**197**
A-A9	3	Progress	1/26/2012	<20	<20	<40
A-A9	6	Closure	1/26/2012	<20	<20	<40
A-B10	2	Progress	1/26/2012	32.6	29.9	62.5
A-B10	5	Progress	1/26/2012	238	36.6	**274.6**
A-B11	3	Progress	1/26/2012	20	<20	20
A-B11	4	Progress	1/26/2012	392	<20	**392**

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Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 1 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
A-B11	6	Progress	1/26/2012	274	57.2	**331.2**
A-B11.1	6	Closure	1/26/2012	136	<20	136
A-B7	3	Progress	1/26/2012	360	58.5	**418.5**
A-B7	6	Closure	1/26/2012	32	36.4	68.4
A-B8	3	Progress	1/26/2012	299	74.1	**373.1**
A-B8	6	Progress	1/26/2012	626	82.7	**708.7**
A-B9	3	Progress	1/26/2012	102	37	139
A-B9	6	Progress	1/26/2012	256	75.3	**331.3**
A-C10	2	Progress	1/26/2012	53.6	26.6	80.2
A-C10	5	Closure	1/26/2012	45.5	23.5	69
A-C11	3	Progress	1/26/2012	<20	<20	<40
A-C11	6	Closure	1/26/2012	<20	36.2	36.2
A-C7	3	Progress	1/26/2012	<20	50.1	50.1
A-C7	6	Closure	1/26/2012	<20	32.1	32.1
A-C8	3	Progress	1/26/2012	<20	<20	<40
A-C8	6	Closure	1/26/2012	<20	33.2	33.2
A-C9	3	Progress	1/26/2012	36.8	32	68.8
A-C9	6	Closure	1/26/2012	32.4	35.1	67.5
A-D10	3	Progress	1/26/2012	145	<20	145
A-D10	6	Closure	1/26/2012	40.2	<20	40.2
A-D11	3	Progress	1/26/2012	<20	<20	<40
A-D11	6	Closure	1/26/2012	<20	<20	<40
A-D7	2	Progress	1/26/2012	610	74.8	**684.8**
A-D7	6	Progress	1/26/2012	728	153	**881**
A-D8	1	Progress	1/26/2012	110	342	**452**
A-D8	6	Closure	1/26/2012	48.2	39.8	88
A-D9	3	Progress	1/26/2012	24.3	<20	24.3
A-D9	6	Closure	1/26/2012	37.5	<20	37.5
A-E8	6	Progress	1/26/2012	<20	<20	<40
A-E8	10	Closure	1/26/2012	42.1	28.9	71
A-F7	6	Progress	1/26/2012	32.2	442	**474.2**
A-G7	6	Progress	1/26/2012	20.3	414	**434.3**
A-B6	4	Progress	1/31/2012	52.8	38.8	91.6
A-E7	8	Progress	1/31/2012	8400	<800	**8400**
A-E7.1	7	Progress	1/31/2012	168	65.6	**233.6**
A-E7.1	8	Closure	1/31/2012	<20	<20	<40
A-A3	4	Progress	2/17/2012	152	<20	**152**
A-A3	7	Closure	2/17/2012	<20	<20	<40
A-A4	3	Progress	2/17/2012	<20	<20	<40
A-A4	7	Closure	2/17/2012	<20	<20	<40
A-A5	2	Progress	2/17/2012	1350	135	**1485**
A-A5	3	Progress	2/17/2012	516	460	**976**

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Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 1 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
A-A5	6	Progress	2/17/2012	<20	<20	<40
A-A5	6.5	Closure	2/17/2012	77.5	22.7	100.2
A-A5E	3	Progress	2/17/2012	339	57	**396**
A-A5E	6	Closure	2/17/2012	20.9	36.5	57.4
A-A6	2	Progress	2/17/2012	582	168	**750**
A-A6	6	Progress	2/17/2012	456	135	**591**
A-B3	3	Progress	2/17/2012	149	<20	149
A-B3	6	Closure	2/17/2012	<20	<20	<40
A-B4	3	Progress	2/17/2012	66.2	<20	66.2
A-B4	6	Closure	2/17/2012	<20	<20	<40
A-B5	3	Progress	2/17/2012	<20	114	114
A-B5	6	Progress	2/17/2012	<20	<20	<40
A-B5	8	Closure	2/17/2012	<20	<20	<40
A-B6	3	Progress	2/17/2012	23.6	167	**190.6**
A-B6	6	Closure	2/17/2012	<20	54.6	54.6
A-C5	6	Closure	2/17/2012	<20	<20	<40
A-C6	4	Progress	2/17/2012	<20	52.5	52.5
A-C6	6	Progress	2/17/2012	54.8	<20	54.8
A-C6	8	Closure	2/17/2012	<20	<20	<40
A-D3	3	Progress	2/17/2012	399	31.4	**430.4**
A-D3	6	Closure	2/17/2012	<20	<20	<40
A-D4	3	Progress	2/17/2012	281	143	**424**
A-D4	6	Closure	2/17/2012	24.4	<20	24.4
A-D5	3	Progress	2/17/2012	87.8	<20	87.8
A-D5	6	Closure	2/17/2012	<20	<20	<40
A-D6	3	Progress	2/17/2012	592	87.7	**679.7**
A-D6	6	Closure	2/17/2012	<20	<20	<40
A-E3	3	Progress	2/17/2012	1420	<80	**1420**
A-E3	6	Progress	2/17/2012	3340	<320	**3340**
A-E4	3	Progress	2/17/2012	344	351	**695**
A-E4	6	Progress	2/17/2012	1540	429	**1969**
A-E5	3	Progress	2/17/2012	183	<20	**183**
A-E5	6	Closure	2/17/2012	<20	<20	<40
A-E6	3	Progress	2/17/2012	876	93.2	**969.2**
A-E6	6	Closure	2/17/2012	<20	<20	<40
A-F5	3	Progress	2/17/2012	524	<80	**524**
A-F5	6	Progress	2/17/2012	141	25.9	**166.9**
A-F6	3	Progress	2/17/2012	1590	<160	**1590**
A-F6	6	Progress	2/17/2012	960	<80	**960**
A-F7	6	Progress	2/17/2012	542	140	**682**
A-C3	3	Closure	2/20/2012	146	<20	146
A-E3	8	Closure	2/20/2012	<20	<20	<40

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 1 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
A-E4	8	Closure	2/20/2012	<20	<20	<40
A-C1	3	Progress	2/21/2012	67	<20	67
A-C1	6	Closure	2/21/2012	<20	<20	<40
A-C2	3	Progress	2/21/2012	290	<20	**290**
A-C2	6	Closure	2/21/2012	<20	<20	<40
A-D1	3	Progress	2/21/2012	39.6	<20	39.6
A-D1	6	Closure	2/21/2012	<20	<20	<40
A-D2	3	Progress	2/21/2012	184	<20	**184**
A-D2	6	Closure	2/21/2012	<20	<20	<40
A-E1	3	Progress	2/21/2012	<20	31.4	31.4
A-E1	6	Closure	2/21/2012	<20	<20	<40
A-E2	3	Progress	2/21/2012	90.6	22.4	113
A-E2	6	Closure	2/21/2012	<20	<20	<40
A-F2	3	Progress	2/21/2012	24.4	106	130.4
A-F2	6	Closure	2/21/2012	<20	<20	<40
A-F3	3	Progress	2/21/2012	<20	167	**167**
A-F3	7	Closure	2/21/2012	<20	<20	<40
A-F4	3	Progress	2/21/2012	325	106	**431**
A-F4	7	Closure	2/21/2012	114	<20	114
A-F6	9	Closure	2/21/2012	21.4	<20	21.4
A-F7	9	Progress	2/21/2012	1560	92.5	**1652.5**
A-A5E	3	Progress	2/22/2012	224	<20	**224**
A-A5E #2	3	Closure	2/22/2012	<20	108	108
A-F6	11	Progress	2/22/2012	1160	<80	**1160**
A-F6	13	Closure	2/22/2012	57.9	<20	57.9

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 2 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
2-1	2	Progress	12/15/2011	<20	<20	<40
2-1	4.5	Closure	12/15/2011	<20	<20	<40
2-2	2	Progress	12/15/2011	<20	<20	<40
2-2	4.5	Progress	12/15/2011	2580	<400	**2580**
2-2	6	Progress	12/15/2011	1460	<320	**1460**
2-2	8	Closure	12/16/2011	54.9	<20	54.9
2-3	2	Progress	12/15/2011	<20	<20	<40
2-3	4	Progress	12/15/2011	1080	<240	**1080**
2-3	6	Progress	12/15/2011	168	<20	**168**
2-3	8	Closure	12/16/2011	<20	<20	<40
2-4	2	Progress	12/15/2011	<20	<20	<40
2-4	4	Closure	12/15/2011	<20	<20	<40
2-5	2	Progress	12/15/2011	1840	<320	**1840**
2-5	4	Progress	12/15/2011	2080	<320	**2080**
2-5	6	Closure	12/15/2011	<20	55.7	55.7
2-6	2	Progress	12/15/2011	<20	<20	<40
2-6	4	Closure	12/15/2011	65	40.4	105.4
2-7	2	Progress	12/15/2011	257	21.4	**278.4**
2-7	4	Progress	12/15/2011	377	<20	**377**
2-7	8	Closure	12/16/2011	<20	<20	<40
2-8	2	Progress	12/15/2011	<20	<20	<40
2-8	4	Closure	12/15/2011	<20	<20	<40
2-9	2	Progress	12/15/2011	<20	<20	<40
2-9	4	Closure	12/15/2011	<20	<20	<40
2-10	2	Progress	12/15/2011	<20	<20	<40
2-10	4	Closure	12/15/2011	<20	<20	<40
2-11	2	Progress	12/15/2011	73.2	<20	73.2
2-11	4	Progress	12/15/2011	2100	<400	**2100**
2-12	2	Progress	12/15/2011	37.2	71.9	109.1
2-12	4	Progress	12/15/2011	1730	<320	**1730**
2-12	6	Progress	12/16/2011	<20	<20	<40
2-12	8	Closure	12/16/2011	<20	<20	<40
2-13	2	Progress	12/15/2011	<20	<20	<40
2-13	4	Progress	12/15/2011	1660	<320	**1660**
2-13	6	Progress	12/16/2011	616	<80	**616**
2-13	8	Closure	12/16/2011	78.5	<20	78.5
2-13	8	Progress	12/16/2011	376	22.9	**398.9**
2-14	2	Progress	12/15/2011	111	<20	111
2-14	4	Progress	12/15/2011	99.2	<20	99.2
2-14	6	Closure	12/16/2011	<20	<20	<40
2-15	2	Progress	12/15/2011	399	<20	**399**
2-15	4	Progress	12/15/2011	256	<20	**256**

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 2 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
2-15	8	Closure	12/16/2011	29.8	<20	29.8
2-16	2	Progress	12/15/2011	45.8	<20	45.8
2-16	4	Closure	12/15/2011	116	23.3	139.3
2-17	2	Progress	12/15/2011	174	22.3	**196.3**
2-17	4	Closure	12/15/2011	45.3	<20	45.3
123-D15	3	Progress	1/23/2012	264	80.5	**344.5**
123-D15	5	Progress	1/23/2012	371	21	**392**
123-D15 #2	5	Progress	1/23/2012	600	<40	**600**
123-D16	3	Progress	1/23/2012	238	27.1	**265.1**
123-D16	5	Closure	1/23/2012	66.6	<20	66.6
123-D17	3	Progress	1/23/2012	177	<20	**177**
123-D17	6	Progress	1/23/2012	244	<20	**244**
2-12.1	6	Progress	12/16/2011	1990	<400	**1990**
2-12.1	8	Closure	12/16/2011	31	43.5	74.5
2-12.2	4	Progress	12/16/2011	560	<80	**560**
2-12.2	6	Closure	12/16/2011	106	36.7	142.7
2-12.3	6	Closure	12/16/2011	<20	<20	<40
2-13.1	3	Progress	12/16/2011	<20	<20	<40
2-13.1	6	Closure	12/16/2011	<20	<20	<40
2-14.1	5	Progress	12/16/2011	<20	<20	<40
2-14.1	7	Closure	12/16/2011	<20	<20	<40
A-C15	3	Progress	1/25/2012	<20	<20	<40
A-C15	6	Closure	1/25/2012	106	<20	106
A-C17	3	Progress	1/25/2012	41.2	22.4	63.6
A-C17	6	Closure	1/25/2012	<20	<20	<40
A-C18	3	Progress	1/25/2012	<20	<20	<40
A-C18	6	Closure	1/25/2012	<20	<20	<40
A-D14	2	Progress	1/25/2012	<20	<20	<40
A-D14	5	Closure	1/25/2012	<20	<20	<40
A-D15	5	Progress	1/30/2012	343	<20	**343**
A-D15	7	Closure	1/30/2012	130	<20	130
A-D19	2	Progress	1/25/2012	<20	<20	<40
A-D19	5	Closure	1/25/2012	<20	<20	<40
A-E15	5	Progress	1/30/2012	<20	<20	<40
A-E15	10	Progress	1/30/2012	128	43.9	**171.9**
A-E17	5	Progress	1/30/2012	351	29.3	**380.3**
A-E17.1	5	Closure	1/31/2012	<20	<20	<40

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 3 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
3a-1	1	Progress	12/28/2011	90.1	151	**241.1**
3a-1	1.5	Progress	12/28/2011	<20	31.4	31.4
3a-1	3	Closure	12/28/2011	<20	54.2	54.2
3a-10	1	Closure	12/29/2011	<20	<20	<40
3a-11	1	Progress	12/29/2011	231	170	**401**
3a-12	1	Progress	12/29/2011	113	179	**292**
3a-13	1	Closure	12/29/2011	23	70.9	93.9
3a-2	1.5	Progress	12/28/2011	<20	<20	<40
3a-2	2	Closure	12/28/2011	<20	<20	<40
3a-3	1	Progress	12/28/2011	212	123	**335**
3a-3	2	Progress	12/28/2011	84.5	<20	84.5
3a-3	3	Closure	12/28/2011	<20	<20	<40
3a-4	2	Progress	12/28/2011	<20	<20	<40
3a-4	3	Closure	12/28/2011	<20	<20	<40
3a-5	2	Progress	12/28/2011	<20	<20	<40
3a-5	3	Closure	12/28/2011	<20	<20	<40
3a-6	1	Progress	12/28/2011	83	81.1	**164.1**
3a-6	3	Closure	12/28/2011	<20	<20	<40
3a-7	2	Progress	12/28/2011	<20	<20	<40
3a-7	3	Closure	12/28/2011	<20	<20	<40
3a-8	1	Progress	12/28/2011	223	202	**425**
3a-8	3	Closure	12/28/2011	<20	<20	<40
3a-9	1	Progress	12/28/2011	65.6	55.4	121
3a-9	3	Closure	12/28/2011	<20	<20	<40
3b E	5	Progress	1/6/2012	<20	<20	<40
3b E	7	Closure	1/6/2012	<20	<20	<40
3b Gravel	0	Closure	1/6/2012	<20	<20	<40
3b N	5	Closure	1/6/2012	58	25.1	83.1
3b S	5	Closure	1/6/2012	<20	<20	<40
3b W	5	Closure	1/6/2012	<20	39.8	39.8

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 4 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
4 N-IN	1	Closure	1/3/2012	84.9	43.5	128.4
4 N-OUT	1	Closure	1/3/2012	51.8	53	104.8
4 S-OUT	1	Progress	1/3/2012	2000	435	**2435**
4 SW-OUT	1	Progress	1/3/2012	256	71.1	**327.1**
4 W-OUT	1	Progress	1/3/2012	353	155	**508**
4a-1	3	Progress	12/16/2011	<20	<20	<40
4a-1	5	Progress	12/16/2011	724	<80	**724**
4a-1	7	Closure	12/16/2011	43.6	<20	43.6
4a-2	3	Progress	1/10/2012	474	<40	**474**
4a-2	3.5	Progress	1/10/2012	<20	<20	<40
4a-2	6	Progress	1/10/2012	195	65.9	**260.9**
4a-2	6.5	Closure	1/10/2012	<20	<20	<40
4a-2W1	2	Progress	1/10/2012	49.1	<20	49.1
4a-2W1	3	Closure	1/10/2012	24	45.6	69.6
4a-3	3	Progress	1/10/2012	142	132	**274**
4a-3	3.5	Progress	1/10/2012	<20	<20	<40
4a-3	6	Progress	1/10/2012	49.5	65.9	115.4
4a-3	6.5	Closure	1/10/2012	<20	<20	<40
4a-3W1	4	Progress	1/10/2012	<20	127	127
4a-3W2	4	Closure	1/10/2012	<20	148	148
4a-4	2	Progress	1/10/2012	788	<80	**788**
4a-4	3	Progress	1/10/2012	<20	63.4	63.4
4a-4	6	Progress	1/10/2012	2280	<160	**2280**
4a-4	7	Closure	1/10/2012	<20	<20	<40
4a-4W1	4	Progress	1/10/2012	136	397	**533**
4a-4W1	7	Closure	1/10/2012	128	<20	128
4a-4W2	4	Closure	1/10/2012	<20	137	137
4a-5	3	Progress	1/10/2012	1970	<160	**1970**
4a-5	4	Progress	1/10/2012	612	122	**734**
4a-5	7	Closure	1/10/2012	<20	<20	<40
4a-5W1	4	Progress	1/10/2012	4050	349	**4399**
4a-5W3	4	Progress	1/11/2012	<20	360	**360**
4a-5W4	4	Closure	1/11/2012	<20	143	143
4a-6	4	Progress	1/10/2012	2470	602	**3072**
4a-6W2	4	Progress	1/10/2012	293	31.5	**324.5**
4a-6W3	4	Progress	1/11/2012	1340	<160	**1340**
4a-7	4	Progress	1/11/2012	<20	53.8	53.8
4a-7W3	4	Progress	1/11/2012	<20	<20	<40
4a-7W4	4	Progress	1/11/2012	458	<40	**458**
4a-7W5	4	Closure	1/11/2012	20.8	<20	20.8
4b E	4	Progress	1/5/2012	333	103	**436**
4b E	7	Closure	1/5/2012	63	57.7	120.7

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 4 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
4b E1	4	Progress	1/5/2012	<20	<20	<40
4b E1	7	Closure	1/5/2012	<20	23.7	23.7
4b N	4	Progress	1/5/2012	261	148	**409**
4b N1	5	Progress	1/5/2012	153	112	**265**
4b N3	4	Closure	1/6/2012	<20	<20	<40
4b N4	5	Closure	1/6/2012	<20	<20	<40
4b NE	4	Progress	1/5/2012	828	<80	**828**
4b NE1	4	Progress	1/5/2012	2580	<320	**2580**
4b NE2	4	Progress	1/6/2012	62.4	154	**216.4**
4b NE3	4	Progress	1/6/2012	<20	<20	<40
4b NE3	7	Closure	1/6/2012	<20	<20	<40
4b NE4	5	Closure	1/6/2012	<20	51.3	51.3
4b N-I	1	Progress	1/5/2012	<20	<20	<40
4b N-O	1	Progress	1/5/2012	<20	<20	<40
4b N-O	6	Closure	1/5/2012	150	<20	**150**
4b NW-O	1	Progress	1/5/2012	83	<20	83
4b NW-O	6	Closure	1/5/2012	<20	<20	<40
4b S	4	Progress	1/5/2012	104	<20	104
4b SE	4	Progress	1/5/2012	<20	<20	<40
4b S-O	6	Closure	1/5/2012	27.7	63	90.7
4b SW1	3	Progress	1/5/2012	278	<20	**278**
4b SW1	3.5	Progress	1/5/2012	27.7	<20	27.7
4b SW-O	6	Progress	1/5/2012	964	<80	**964**
4b W-I	2	Progress	1/5/2012	456	<40	**456**
4b W-I	4	Progress	1/5/2012	309	<20	**309**
4b W-I	7	Closure	1/5/2012	<20	23.4	23.4
4b W-O	1	Progress	1/5/2012	28.9	<20	28.9
4b W-O	6	Closure	1/5/2012	<20	40.9	40.9

Table A.2.1
Pre-Remedial Soil Analytical Table
Pre-Remedial Soil Analytical Data - Nitrogen

Zone 5 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
5-1	1	Progress	12/12/2011	<20	<20	<40
5-1	5.5	Closure	12/13/2011	<20	<20	<40
5-2	1	Closure	12/12/2011	111	<20	111
5-3	1	Closure	12/12/2011	22.3	<20	22.3
5-4	1	Closure	12/12/2011	<20	<20	<40

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 6 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
6-1	6	Progress	12/13/2011	157	43.8	**200.8**
6-1	6	Progress	12/13/2011	135	73.2	**208.2**
6-2	5	Closure	12/13/2011	<20	<20	<40
6-3	5	Closure	12/13/2011	33.6	<20	33.6
6-4	5	Closure	12/13/2011	74.2	<20	74.2
123-A15	3	Progress	1/23/2012	<20	22.7	22.7
123-A15	6	Closure	1/23/2012	<20	<20	<40
123-A16	3	Progress	1/23/2012	<20	<20	<40
123-A16	6	Closure	1/23/2012	91.1	55.8	146.9
123-A17	3	Progress	1/23/2012	<20	<20	<40
123-A17	6	Closure	1/23/2012	<20	37.1	37.1
123-B15	3	Closure	1/23/2012	<20	<20	<40
123-Z15	3	Progress	1/23/2012	<20	<20	<40
123-Z15	6	Closure	1/23/2012	24.2	<20	24.2
123-Z16	3	Progress	1/23/2012	116	<20	116
123-Z16	6	Closure	1/23/2012	<20	<20	<40
123-Z17	3	Progress	1/23/2012	<20	<20	<40
123-Z17	6	Closure	1/23/2012	<20	<20	<40
6-1.1	8	Closure	12/13/2011	<20	<20	<40
6-1.2	8	Closure	12/13/2011	<20	31.5	31.5

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 7 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
7-1	4.5	Closure	12/13/2011	120	<20	120
7-2	4	Closure	12/13/2011	<20	<20	<40
7-3	5	Closure	12/13/2011	22.8	<20	22.8
7-4	1	Closure	12/13/2011	<20	47.5	47.5
7 E	3	Progress	1/5/2012	120	<20	120
7 E	6	Closure	1/5/2012	<20	26.3	26.3
7 NE	3	Progress	1/5/2012	69.4	24.4	93.8
7 NE	6	Closure	1/5/2012	80.1	30.5	110.6
7 NW	3	Closure	1/5/2012	<20	<20	<40
7 NE	8	Closure	1/5/2012	<20	<20	<40
7 NW	5	Progress	1/5/2012	<20	21	21
7 NW	8	Closure	1/5/2012	<20	<20	<40
7-1.1	6	Progress	12/13/2011	79.9	<20	79.9
7-1.1	9	Closure	12/13/2011	<20	<20	<40
7-1.2	6	Progress	12/13/2011	259	<20	**259**
7-1.2	9	Closure	12/13/2011	<20	<20	<40

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Zone 8 Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
8-1	2	Closure	12/13/2011	<20	<20	<40
8-2	2	Closure	12/13/2011	<20	<20	<40

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Pond Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
A12	3	Progress	12/19/2011	<20	<20	<40
A12	6	Closure	12/19/2011	<20	<20	<40
A13	1	Progress	12/21/2011	<20	<20	<40
A13	1.5	Progress	12/15/2011	142	<20	142
A13	3	Progress	12/15/2011	220	31.2	**251.2**
A13	4	Progress	12/20/2011	<20	<20	<40
A13	6	Closure	12/15/2011	36	<20	36
A14	4	Progress	12/20/2011	<20	<20	<40
A14	6	Closure	12/20/2011	636	<40	**636**
A15	1	Progress	12/21/2011	<20	<20	<40
A15	4	Closure	12/20/2011	<20	<20	<40
A16	4	Progress	12/20/2011	<20	<20	<40
A16	6	Closure	12/20/2011	632	<80	**632**
A17	2	Progress	1/3/2012	<20	<20	<40
A17	5	Progress	12/20/2011	354	<20	**354**
A17	6	Progress	1/3/2012	<20	<20	<40
A17.1	6	Closure	12/21/2011	<20	<20	<40
A17.2	6	Closure	12/21/2011	<20	<20	<40
A18	2	Progress	1/3/2012	<20	<20	<40
A18	5	Progress	12/20/2011	226	41.9	**267.9**
A18	6	Closure	1/3/2012	<20	<20	<40
A18.1	6	Closure	12/21/2011	186	33.5	**219.5**
A19	1	Progress	12/21/2011	<20	<20	<40
A19	5	Closure	12/20/2011	<20	<20	<40
A20	6	Progress	12/21/2011	157	71.6	**228.6**
A20.1	5	Closure	12/21/2011	<20	<20	<40
B11	6	Closure	12/20/2011	<20	<20	<40
B12	3	Progress	12/19/2011	<20	<20	<40
B12	6	Closure	12/19/2011	<20	<20	<40
B13	1	Progress	12/15/2011	528	<80	**528**
B13	3	Progress	12/15/2011	656	<80	**656**
B13	6	Closure	12/15/2011	592	<80	**592**
B18	1	Progress	12/15/2011	70.3	<20	70.3
B18	3	Progress	12/15/2011	428	<80	**428**
B18	6	Closure	12/15/2011	250	24.1	**274.1**
B20	3	Progress	12/19/2011	190	70.7	**260.7**
B20	4	Progress	12/21/2011	175	34.2	**209.2**
B20	4	Progress	12/19/2011	224	<20	**224**
B20	6	Closure	1/3/2012	32.6	48.4	81
C10	3	Progress	1/4/2012	<20	<20	<40
C10	6	Closure	1/4/2012	34.1	20.2	54.3
C10	6	Progress	1/3/2012	678	55.6	**733.6**

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Pond Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
C11	4	Progress	12/20/2011	380	69.6	**449.6**
C12	3	Progress	12/19/2011	389	<40	**389**
C12	6	Closure	12/19/2011	440	<40	**440**
C13	3.5	Progress	12/15/2011	460	<80	**460**
C13	7	Closure	12/15/2011	776	<80	**776**
C18	3	Progress	12/15/2011	346	<20	**346**
C18	6	Closure	12/15/2011	103	<20	103
C20	2	Progress	12/19/2011	203	27.5	**230.5**
C20	4	Closure	12/28/2011	65.8	<20	65.8
C20	4	Closure	12/21/2011	<20	<20	<40
C20	4	Progress	12/19/2011	355	20.7	**375.7**
C8	4	Progress	1/4/2012	<20	<20	<40
C8	6	Closure	1/4/2012	<20	<20	<40
C9	5	Progress	1/4/2012	<20	<20	<40
C9	7	Closure	1/4/2012	<20	<20	<40
D10	1	Progress	12/28/2011	<20	<20	<40
D10	6	Progress	1/4/2012	233	36	**269**
D10	6	Progress	1/3/2012	928	280	**1208**
D10	6.5	Closure	1/4/2012	22.6	<20	22.6
D11	5	Progress	12/20/2011	1550	<320	**1550**
D12	3	Progress	12/19/2011	864	<80	**864**
D12	6.5	Closure	12/19/2011	888	<160	**888**
D13	2.5	Progress	12/12/2011	1080	<160	**1080**
D13	5	Closure	12/12/2011	732	<80	**732**
D13	5	Progress	12/12/2011	644	<80	**644**
D13.1	2.5	Progress	12/12/2011	1290	<200	**1290**
D14	1	Progress	12/12/2011	781	<160	**781**
D15	2	Progress	12/12/2011	1220	<160	**1220**
D16	5	Progress	12/20/2011	1340	<160	**1340**
D18	1	Progress	12/15/2011	428	<40	**428**
D18	3	Progress	12/15/2011	548	<80	**548**
D18	5	Closure	12/15/2011	303	<20	**303**
D19	2	Progress	12/19/2011	79.7	24.4	104.1
D19	4	Closure	12/28/2011	68.5	<20	68.5
D19	4	Progress	12/19/2011	828	<80	**828**
D8	5	Progress	1/4/2012	<20	<20	<40
D8	6	Closure	1/4/2012	<20	<20	<40
D9	5	Progress	1/4/2012	366	42.8	**408.8**
D9	6	Progress	1/4/2012	<20	<20	<40
D9	7	Closure	1/4/2012	81.8	37.4	119.2
E10	6	Closure	1/4/2012	32.6	<20	32.6
E10	6	Progress	1/3/2012	1080	<80	**1080**

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Pond Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
E11	6	Progress	1/4/2012	286	<20	**286**
E11	6	Progress	1/3/2012	1080	<80	**1080**
E11	7	Progress	1/4/2012	202	28.1	**230.1**
E11	7	Progress	1/4/2012	155	24.6	**179.6**
E11	8	Closure	1/4/2012	69.2	<20	69.2
E12	3	Progress	12/19/2011	1180	<80	**1180**
E12	6	Closure	12/19/2011	400	42.5	**442.5**
E13	3	Progress	12/15/2011	704	<80	**704**
E13	6	Closure	12/15/2011	1140	<200	**1140**
E14	5	Progress	12/13/2011	964	80.4	**1044.4**
E14	7.5	Progress	12/13/2011	616	<80	**616**
E14	9	Closure	12/13/2011	254	<20	**254**
E15	6.5	Progress	12/13/2011	266	22.4	**288.4**
E16	3	Progress	12/13/2011	696	<20	**696**
E16	6	Closure	12/13/2011	69.8	<20	69.8
E16	6	Progress	12/13/2011	422	<40	**422**
E17	5	Progress	12/13/2011	824	<160	**824**
E18	4	Progress	12/21/2011	149	32.7	**181.7**
E19	2	Progress	12/19/2011	242	<20	**242**
E19	4	Closure	12/28/2011	28.8	<20	28.8
E19	4	Progress	12/19/2011	606	<40	**606**
E8	6	Progress	1/4/2012	<20	<20	<40
E9	3	Progress	1/4/2012	992	<80	**992**
E9	5	Progress	1/4/2012	123	45	**168**
E9	7	Closure	1/4/2012	<20	<20	<40
F17	5	Closure	12/13/2011	86.3	<20	86.3
F18	2	Progress	12/19/2011	888	<80	**888**
F18	4	Closure	12/19/2011	1020	<80	**1020**
G10	3	Progress	12/20/2011	<20	<20	<40
G10	6	Closure	12/20/2011	<20	<20	<40
G12	2	Progress	12/15/2011	<20	<20	<40
G12	3	Progress	12/15/2011	<20	<20	<40
G12	6	Closure	12/15/2011	<20	<20	<40
G14	2	Progress	12/15/2011	127	36.8	**163.8**
G14	3	Progress	12/19/2011	274	85.2	**359.2**
G14	3	Progress	12/15/2011	460	<40	**460**
G14	5	Progress	12/19/2011	730	<160	**730**
G14	6	Closure	12/15/2011	194	<20	**194**
G16	2	Progress	12/15/2011	752	<80	**752**
G16	3	Progress	12/15/2011	87	<20	87
G16	6	Closure	12/15/2011	63.7	<20	63.7
G18	4	Progress	12/28/2011	124	<20	124

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Pond Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
G18	4	Progress	12/13/2011	1050	<160	**1050**
G18	5.5	Closure	12/13/2011	139	71.2	**210.2**
G4	5	Closure	12/9/2011	<20	<20	<40
G5	3	Progress	12/9/2011	<20	<20	<40
G5	5	Closure	12/9/2011	<20	<20	<40
G6	2	Closure	12/12/2011	<20	<20	<40
G7	2	Progress	12/12/2011	<20	<20	<40
G7	5	Closure	12/30/2011	69.8	25.2	95
G8	5	Progress	12/20/2011	<20	<20	<40
G8	6	Closure	12/20/2011	<20	<20	<40
G9	3	Progress	12/20/2011	<20	<20	<40
G9	6	Closure	12/20/2011	<20	<20	<40
H10	3	Progress	12/20/2011	400	37.4	**437.4**
H10	5	Progress	12/30/2011	277	20.7	**297.7**
H10	6	Progress	12/27/2011	151	<20	**151**
H10	7	Closure	12/30/2011	94.6	26.4	121
H11	3	Progress	12/20/2011	808	<160	**808**
H11	6	Closure	12/27/2011	716	<40	**716**
H12	4	Progress	12/27/2011	560	<40	**560**
H12	6	Closure	12/27/2011	928	<80	**928**
H13	3	Progress	12/22/2011	372	263	**635**
H13	4	Progress	12/27/2011	318	<20	**318**
H13	6	Progress	12/29/2011	231	<20	**231**
H13	6	Progress	12/28/2011	630	<40	**630**
H13	6	Progress	12/27/2011	134	<20	134
H13	6.5	Closure	12/28/2011	936	<80	**936**
H17	3	Progress	12/13/2011	109	142	**251**
H17	5	Closure	12/13/2011	165	26.1	**191.1**
H2	2	Progress	12/9/2011	<20	<20	<40
H2	6	Closure	12/9/2011	<20	<20	<40
H3	3	Progress	12/9/2011	<20	<20	<40
H3	8	Closure	12/9/2011	<20	<20	<40
H4	5	Progress	12/12/2011	151	31.5	**182.5**
H4	5.5	Progress	12/9/2011	135	75	**210**
H4	6	Progress	12/12/2011	480	<80	**480**
H4	6.5	Closure	12/12/2011	37	<20	37
H5	6	Closure	12/12/2011	22	<20	22
H5	6	Progress	12/9/2011	688	<20	**688**
H6	5	Progress	12/12/2011	252	<40	**252**
H6	5.5	Progress	12/12/2011	680	<80	**680**
H6	8	Closure	12/12/2011	51	<20	51
H7	5	Progress	12/30/2011	242	<20	**242**

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Pond Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
H7	7	Progress	12/30/2011	37.1	<20	37.1
H7	7.5	Closure	12/12/2011	744	<80	**744**
H8	3	Progress	12/20/2011	1230	<80	**1230**
H8	5	Progress	12/30/2011	195	45.3	**240.3**
H8	7	Closure	12/30/2011	87.2	<20	87.2
H9	3	Progress	12/20/2011	40.3	<20	40.3
H9	5	Progress	12/30/2011	245	<20	**245**
H9	6	Progress	12/30/2011	494	43.6	**537.6**
H9	7	Closure	12/30/2011	37.8	<20	37.8
H9.1	2.5	Progress	12/22/2011	<20	<20	<40
I1	2	Closure	12/9/2011	36.1	<20	36.1
I10	5	Closure	12/27/2011	<20	<20	<40
I11	4	Progress	12/27/2011	748	<80	**748**
I11	5	Progress	12/27/2011	450	<40	**450**
I11	5.5	Progress	12/27/2011	<20	<20	<40
I11	6.5	Closure	12/28/2011	214	<20	**214**
I12	4	Progress	12/27/2011	498	<40	**498**
I12	6	Progress	12/28/2011	257	<20	**257**
I12	6.5	Closure	12/28/2011	534	<40	**534**
I13	5.5	Progress	12/27/2011	197	<20	**197**
I13	6	Closure	12/28/2011	690	<40	**690**
I14	5	Progress	12/27/2011	219	<20	**219**
I14	6	Closure	12/29/2011	148	<20	148
I15	5	Closure	12/27/2011	111	32.6	143.6
I16	1	Progress	12/22/2011	<20	<20	<40
I16	2	Progress	12/27/2011	<20	<20	<40
I16	4	Closure	12/22/2011	<20	<20	<40
I17	3	Closure	12/27/2011	28.7	<20	28.7
I2	4	Progress	12/9/2011	85.2	<20	85.2
I2	5.5	Progress	12/9/2011	156	<20	**156**
I2.1	6	Progress	12/9/2011	121	<20	121
I2.2	6	Closure	12/9/2011	<20	<20	<40
I3	4	Progress	12/9/2011	259	50.6	**309.6**
I3	6	Closure	12/9/2011	<20	<20	<40
I4	4.5	Closure	12/9/2011	29.1	<20	29.1
I5	5	Closure	12/9/2011	20.4	34.5	54.9
I6	5	Closure	12/12/2011	29.2	<20	29.2
I7	5	Progress	12/30/2011	361	<20	**361**
I7	6	Closure	12/30/2011	<20	<20	<40
I7	6	Progress	12/12/2011	<20	<20	<40
I8	4	Progress	12/22/2011	<20	<20	<40
I8	5	Closure	12/30/2011	138	<20	138

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Pond Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
I9	2.5	Progress	12/22/2011	54.4	25.1	79.5
I9	5	Closure	12/30/2011	33.1	<20	33.1
J10	4	Progress	12/22/2011	654	71.4	**725.4**
J10	5	Closure	12/27/2011	<20	<20	<40
J11	4	Progress	12/27/2011	608	<80	**608**
J11	4	Progress	12/22/2011	85.9	<20	85.9
J11	5	Progress	12/27/2011	944	<80	**944**
J11	5.5	Progress	12/28/2011	816	<80	**816**
J11	5.5	Progress	12/27/2011	628	602	**1230**
J11	6	Closure	12/28/2011	178	<20	**178**
J12	5.5	Progress	12/27/2011	1300	<80	**1300**
J12	6	Progress	12/29/2011	190	<20	**190**
J12	6	Progress	12/29/2011	162	<20	**162**
J12	6	Progress	12/29/2011	932	<80	**932**
J12	9	Closure	12/30/2011	125	<20	125
J13	4	Progress	12/27/2011	48.3	<20	48.3
J13	6	Closure	12/29/2011	138	<20	138
J13	6	Progress	12/29/2011	464	<40	**464**
J14	1	Progress	12/22/2011	<20	<20	<40
J14	4	Progress	12/22/2011	<20	<20	<40
J14	6	Progress	12/29/2011	260	34.3	**294.3**
J14	9	Closure	12/30/2011	91.5	<20	91.5
J15	1	Progress	12/22/2011	<20	<20	<40
J15	4	Closure	12/22/2011	244	24.8	**268.8**
J2	4	Closure	12/9/2011	<20	20.8	20.8
J3	4	Closure	12/9/2011	73.5	<20	73.5
J4	4.5	Closure	12/9/2011	21	<20	21
J5	5	Closure	12/9/2011	<20	<20	<40
J6	5	Closure	12/12/2011	<20	<20	<40
J7	4	Progress	12/22/2011	91.7	79.8	**171.5**
J7	4.5	Progress	12/22/2011	<20	22.8	22.8
J7	6	Closure	12/30/2011	23.1	<20	23.1
J8	4	Progress	12/22/2011	25.2	<20	25.2
J8	6	Closure	12/30/2011	25.2	<20	25.2
J9	4	Closure	12/22/2011	<20	<20	<40
K10	4	Closure	12/22/2011	139	<20	139
K11	4	Progress	12/27/2011	373	35.1	**408.1**
K12	1	Progress	12/22/2011	<20	<20	<40
K12	4	Progress	12/27/2011	606	<40	**606**
K12	4	Closure	12/22/2011	<20	<20	<40
K13	1	Progress	12/22/2011	<20	<20	<40
K13	4	Closure	12/22/2011	<20	<20	<40

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Pond Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
K2	1.5	Progress	12/9/2011	56.4	50.8	107.2
K2	4	Closure	12/9/2011	<20	<20	<40
K3	2.5	Closure	12/9/2011	56.5	41.8	98.3
K4	4	Closure	12/9/2011	<20	<20	<40
K5	5	Closure	12/9/2011	<20	<20	<40
K6	4	Closure	12/12/2011	<20	<20	<40
K7	4	Closure	12/22/2011	<20	<20	<40
K8	4	Closure	12/22/2011	<20	<20	<40
K9	4	Closure	12/22/2011	<20	<20	<40
L10	1	Progress	12/22/2011	<20	<20	<40
L10	3	Closure	12/22/2011	<20	<20	<40
L4	4	Closure	12/9/2011	<20	<20	<40
L5	5.5	Closure	12/9/2011	<20	<20	<40
L6	2	Progress	12/12/2011	1590	685	**2275**
L6	4	Closure	12/12/2011	27.4	<20	27.4
L6.1	2	Progress	12/12/2011	170	138	**308**
L6.2	2	Progress	12/12/2011	<20	<20	<40
L7	2.5	Closure	12/12/2011	<20	<20	<40
L8	1	Progress	12/22/2011	<20	<20	<40
L8	4	Closure	12/22/2011	<20	<20	<40
L9	1	Closure	12/22/2011	<20	<20	<40

Table A.2.1
Pre-Remedial Soil Analytical Table
Pre-Remedial Soil Analytical Data - Nitrogen

Pond (Bentonite) Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
H10 B	1	Closure	12/21/2011	69.1	<20	69.1
H11 B	1	Progress	12/21/2011	131	83.6	**214.6**
H11 B	1	Closure	12/21/2011	<20	29.6	29.6
H12 B	1	Closure	12/21/2011	<20	<20	<40
H12.1 B	1	Closure	12/22/2011	43.9	<20	43.9
H13 B	1	Closure	12/21/2011	53.6	31.2	84.8
H13.1 B	1	Closure	12/22/2011	<20	<20	<40
H14.1 B	1	Closure	12/22/2011	<20	32.8	32.8
H16 B	4	Closure	12/20/2011	<20	<20	<40
H9 B	1	Progress	12/21/2011	90.1	112	**202.1**
I10 B	1	Closure	12/21/2011	<20	<20	<40
I14 B	1	Progress	12/21/2011	288	36.9	**324.9**
I14 B	2	Closure	12/27/2011	<20	<20	<40
I15 B	1	Progress	12/21/2011	432	113	**545**
I15 B	2	Closure	12/27/2011	48.5	<20	48.5
I16 B	1	Progress	12/21/2011	164	31.2	**195.2**
I16 B	2	Closure	12/27/2011	<20	<20	<40
I17 B	1	Progress	12/20/2011	78.8	95.1	**173.9**
I17 B	3	Closure	12/27/2011	44.3	38.9	83.2
I8 B	1	Progress	12/21/2011	186	89.4	**275.4**
I9 B	1	Closure	12/21/2011	<20	<20	<40
J10 B	1	Closure	12/21/2011	<20	<20	<40
J11 B	0.5	Closure	12/21/2011	<20	<20	<40
J11 B	1	Closure	12/21/2011	21.2	<20	21.2
J12 B	1	Closure	12/21/2011	29.4	<20	29.4
J13 B	1	Closure	12/21/2011	<20	<20	<40
J14 B	1	Closure	12/21/2011	<20	23.4	23.4
J14 B	1	Progress	12/21/2011	249	32.1	**281.1**
J14 B	2	Closure	12/27/2011	39.5	<20	39.5
J15 B	1	Closure	12/21/2011	<20	<20	<40
J15.1 B	1	Closure	12/22/2011	<20	<20	<40
J7 B	1	Closure	12/21/2011	23.3	27.6	50.9
J8 B	1	Closure	12/21/2011	<20	<20	<40
K12 B	1	Closure	12/21/2011	<20	<20	<40
K7 Bentonite	-	Closure	12/12/2011	<20	<20	<40
L10 B	1	Closure	12/21/2011	<20	<20	<40
L8 B	1	Closure	12/21/2011	31.2	<20	31.2
L9 B	1	Closure	12/21/2011	<20	<20	<40

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

On-Site Soil Stockpile Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
CA-E1	0	Closure	3/16/2012	<20	<20	<40
CA-M	0	Closure	3/16/2012	69.5	<20	69.5
CA-N1	0	Closure	3/16/2012	57.2	28.8	86
CA-S1	0	Closure	3/16/2012	61.8	<20	61.8
CA-W1	0	Closure	3/16/2012	<20	<20	<40
HC-29	0	Closure	3/15/2012	105	<20	105
HC-30	0	Closure	3/15/2012	<20	<20	<40
HC-31	0	Closure	3/15/2012	24.1	<20	24.1
HC-32	0	Closure	3/15/2012	<20	<20	<40
HC-33	0	Closure	3/15/2012	34.7	<20	34.7
HC-34	0	Closure	3/15/2012	45.3	<20	45.3
HC-35	0	Closure	3/15/2012	80.8	<20	80.8
HC-36	0	Closure	3/15/2012	104	<20	104
HC-37	0	Closure	3/15/2012	127	<20	127
HC-38	0	Progress	3/15/2012	194	<20	**194**
HC-38	0.5	Closure	3/15/2012	<20	<20	<40
HC-39	0	Progress	3/15/2012	180	<20	**180**
HC-39	0.5	Closure	3/15/2012	<20	<20	<40
HC-40	0	Closure	3/15/2012	43.1	<20	43.1
HC-41	0	Closure	3/15/2012	24.6	<20	24.6
HC-42	0	Closure	3/15/2012	22.7	44.8	67.5
HC-43	0	Closure	3/15/2012	21.2	<20	21.2
HC-44	0	Closure	3/15/2012	44.9	22.2	67.1
NE-1	0	Closure	2/28/2012	75.6	33.2	108.8
NE-10	0	Closure	3/1/2012	<20	<20	<40
NE-11	0	Closure	3/1/2012	71	45.1	116.1
NE-12	0	Closure	3/1/2012	67.5	79.1	146.6
NE-13	0	Progress	3/1/2012	218	63	**281**
NE-13	0.5	Progress	3/15/2012	<20	<20	<40
NE-13	1	Progress	3/15/2012	145	26.6	**171.6**
NE-13	1.5	Closure	3/16/2012	49.3	<20	49.3
NE-14	0	Progress	3/1/2012	282	37.3	**319.3**
NE-14	0.5	Progress	3/15/2012	168	50.9	**218.9**
NE-14	1	Closure	3/15/2012	<20	<20	<40
NE-15	0	Progress	3/1/2012	125	59	**184**
NE-15	0.5	Closure	3/15/2012	27.9	<20	27.9
NE-16	0	Closure	3/1/2012	93.7	53.1	146.8
NE-17	0	Progress	3/1/2012	314	101	**415**
NE-17	0.5	Progress	3/15/2012	106	61.9	**167.9**
NE-17	1	Closure	3/15/2012	<20	<20	<40
NE-18	0	Progress	3/1/2012	342	165	**507**
NE-18	0.5	Closure	3/15/2012	61.8	<20	61.8

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

On-Site Soil Stockpile Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
NE-19	0	Progress	3/1/2012	454	140	**594**
NE-19	0.5	Closure	3/15/2012	<20	<20	<40
NE-2	0	Closure	3/1/2012	63.2	<20	63.2
NE-20	0	Progress	3/1/2012	300	77.5	**377.5**
NE-20	0.5	Progress	3/15/2012	171	27.4	**198.4**
NE-20	1	Closure	3/15/2012	36.5	<20	36.5
NE-21	0	Closure	3/1/2012	70.3	<20	70.3
NE-22	0	Closure	3/1/2012	37.3	<20	37.3
NE-23	0	Closure	3/1/2012	86.3	<20	86.3
NE-24	0	Progress	3/1/2012	163	<20	**163**
NE-24	0.5	Closure	3/15/2012	<20	<20	<40
NE-25	0	Closure	3/1/2012	<20	<20	<40
NE-26	0	Closure	3/1/2012	85.1	51.5	136.6
NE-27	0	Progress	3/1/2012	164	26.2	**190.2**
NE-27	0.5	Closure	3/15/2012	37	23.7	60.7
NE-28	0	Closure	3/1/2012	98.9	34.5	133.4
NE-3	0	Closure	3/1/2012	137	<20	137
NE-4	0	Progress	3/1/2012	944	105	**1049**
NE-4	0.5	Progress	3/15/2012	760	109	**869**
NE-4	1	Progress	3/15/2012	158	49.3	**207.3**
NE-4	1.5	Closure	3/16/2012	<20	<20	<40
NE-5	0	Closure	3/1/2012	54.2	<20	54.2
NE-6	0	Progress	3/1/2012	179	40	**219**
NE-6	0.5	Progress	3/15/2012	219	32.1	**251.1**
NE-6	1	Closure	3/15/2012	<20	<20	<40
NE-7	0	Closure	3/1/2012	50.9	25.7	76.6
NE-8	0	Progress	3/1/2012	800	<80	**800**
NE-8	0.5	Closure	3/15/2012	<20	<20	<40
NE-9	0	Closure	3/1/2012	116	22.6	138.6
WS-1	0	Progress	2/28/2012	165	<20	**165**
WS-1	0.5	Closure	3/15/2012	79.8	<20	79.8
WS-10	0	Progress	2/28/2012	210	<20	**210**
WS-10	0.5	Closure	3/15/2012	77.8	<20	77.8
WS-11	0	Closure	2/28/2012	30.9	<20	30.9
WS-12	0	Closure	2/28/2012	28.7	<20	28.7
WS-13	0	Progress	2/28/2012	191	<20	**191**
WS-13	0.5	Progress	3/15/2012	444	<40	**444**
WS-13	1	Closure	3/16/2012	<20	<20	<40
WS-13.1	0.5	Progress	2/28/2012	<20	<20	<40
WS-14	0	Progress	2/28/2012	211	<20	**211**
WS-14	0.5	Closure	3/15/2012	<20	27.5	27.5
WS-2	0	Progress	2/28/2012	492	<20	**492**

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

On-Site Soil Stockpile Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
WS-2.1	0.5	Closure	2/28/2012	55.6	<20	55.6
WS-3	0	Closure	2/28/2012	<20	<20	<40
WS-4	0	Closure	2/28/2012	<20	<20	<40
WS-5	0	Closure	2/28/2012	<20	<20	<40
WS-6	0	Closure	2/28/2012	55.2	<20	55.2
WS-7	0	Progress	2/28/2012	172	<20	**172**
WS-7	0.5	Closure	3/15/2012	<20	<20	<40
WS-8	0	Closure	2/28/2012	<20	<20	<40
WS-9	0	Closure	2/28/2012	53.6	<20	53.6

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Additional Soil Sample Results

Sample ID	Depth (ft)	Location	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
B-1	3	1-4.3a	10/4/2012	ND	ND	ND
B-1	6	1-4.3a	10/4/2012	251	ND	251
B-1	9	1-4.3a	10/4/2012	ND	ND	ND
B-1	12	1-4.3a	10/4/2012	ND	ND	ND
B-1	15	1-4.3a	10/4/2012	ND	ND	ND
B-2	3	1-1.8SW	10/4/2012	192	ND	192
B-2	6	1-1.8SW	10/4/2012	ND	ND	ND
B-2	9	1-1.8SW	10/4/2012	10.5	ND	10.5
B-2	12	1-1.8SW	10/4/2012	ND	ND	ND
B-2	13	1-1.8SW	10/4/2012	ND	ND	ND
B-3	3	1-3.1a	10/4/2012	216	ND	216
B-3	6	1-3.1a	10/4/2012	ND	ND	ND
B-3	9	1-3.1a	10/4/2012	ND	ND	ND
B-3	12	1-3.1a	10/4/2012	ND	ND	ND
B-3	15	1-3.1a	10/4/2012	ND	ND	ND
B-4	4	1W-NW1	10/4/2012	ND	ND	ND
B-4	6	1W-NW1	10/4/2012	276	ND	276
B-4	8	1W-NW1	10/4/2012	116	24.3	140.3
B-4	12	1W-NW1	10/4/2012	ND	ND	ND
B-4	15	1W-NW1	10/4/2012	14.2	ND	14.2
B-5	4	15' N of 1-0.10	10/4/2012	12.5	ND	12.5
B-5	6	15' N of 1-0.10	10/4/2012	ND	ND	ND
B-5	9	15' N of 1-0.10	10/4/2012	ND	ND	ND
B-5	12	15' N of 1-0.10	10/4/2012	ND	ND	ND
B-5	15	15' N of 1-0.10	10/4/2012	ND	ND	ND
B-6	3	20' E of 2-15	10/4/2012	ND	ND	ND
B-6	6	20' E of 2-15	10/4/2012	38.2	ND	38.2
B-6	9	20' E of 2-15	10/4/2012	220	ND	220
B-7	3	30' N of 2-1	10/4/2012	70.5	ND	70.5
B-7	6	30' N of 2-1	10/4/2012	**348**	ND	**348**
B-7	9	30' N of 2-1	10/4/2012	ND	22	22
B-7	12	30' N of 2-1	10/4/2012	ND	ND	ND
B-7	15	30' N of 2-1	10/4/2012	ND	ND	ND
B-8	3	15' N of 2-7	10/4/2012	245	ND	245
B-8	6	15' N of 2-7	10/4/2012	89.4	ND	89.4
B-8	9	15' N of 2-7	10/4/2012	ND	ND	ND
B-8	12	15' N of 2-7	10/4/2012	ND	ND	ND
B-8	15	15' N of 2-7	10/4/2012	19.1	ND	19.1
B-9	3	20' W of 2-11	10/4/2012	ND	ND	ND
B-9	6	20' W of 2-11	10/4/2012	ND	ND	ND
B-9	9	20' W of 2-11	10/4/2012	ND	ND	ND
B-9	12	20' W of 2-11	10/4/2012	ND	ND	ND

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Additional Soil Sample Results

Sample ID	Depth (ft)	Location	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
B-9	13	20' W of 2-11	10/4/2012	29.5	ND	29.5
B-10	3	15' N of 2-12	10/4/2012	222	ND	222
B-10	6	15' N of 2-12	10/4/2012	**475**	ND	**475**
B-10	9	15' N of 2-12	10/4/2012	20.8	ND	20.8
B-10	12	15' N of 2-12	10/4/2012	61.1	ND	61.1
B-10	12.25	15' N of 2-12	10/4/2012	103	ND	103
B-11	6	15' N of 4a-2	10/4/2012	**1970**	ND	**1970**
B-11	9	15' N of 4a-2	10/4/2012	91.8	ND	91.8
B-11	12	15' N of 4a-2	10/4/2012	ND	ND	ND
B-11	13.5	15' N of 4a-2	10/4/2012	63.5	ND	63.5
B-12	3	15' S of 4a-7W4	10/4/2012	12.8	ND	12.8
B-12	6	15' S of 4a-7W4	10/4/2012	ND	54.3	54.3
B-12	9	15' S of 4a-7W4	10/4/2012	ND	ND	ND
B-12	12	15' S of 4a-7W4	10/4/2012	33.8	ND	33.8
B-13	3	15' E of K11	10/5/2012	ND	ND	ND
B-13	6	15' E of K11	10/5/2012	16.4	ND	16.4
B-13	9	15' E of K11	10/5/2012	216	ND	216
B-14	3	15' E of L6	10/5/2012	ND	ND	ND
B-14	6	15' E of L6	10/5/2012	32.1	ND	32.1
B-15	3	20' S of 7-E	10/5/2012	ND	202	202
B-15	6	20' S of 7-E	10/5/2012	ND	114	114
B-15	9	20' S of 7-E	10/5/2012	ND	ND	ND
B-15	12	20' S of 7-E	10/5/2012	ND	35.3	35.3
B-15	15	20' S of 7-E	10/5/2012	ND	24.7	24.7
B-16	3	5-4	10/5/2012	20.2	21	41.2
B-16	6	5-4	10/5/2012	ND	ND	ND
B-16	9	5-4	10/5/2012	ND	ND	ND
B-16	12	5-4	10/5/2012	ND	ND	ND
B-16	15	5-4	10/5/2012	ND	ND	ND
B-17	3	5-2	10/5/2012	ND	ND	ND
B-17	6	5-2	10/5/2012	25.9	ND	25.9
B-17	9	5-2	10/5/2012	ND	ND	ND
B-17	12	5-2	10/5/2012	ND	ND	ND
B-17	15	5-2	10/5/2012	ND	ND	ND
B-18	3	1-8.2	10/5/2012	152	67.1	219.1
B-18	6	1-8.2	10/5/2012	ND	28.2	28.2
B-18	9	1-8.2	10/5/2012	ND	ND	ND
B-18	12	1-8.2	10/5/2012	ND	ND	ND
B-18	15	1-8.2	10/5/2012	35.7	ND	35.7
B-19	3	1-6.2	10/5/2012	**586**	129	**715**
B-19	6	1-6.2	10/5/2012	44.9	ND	44.9
B-19	9	1-6.2	10/5/2012	ND	ND	ND

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Additional Soil Sample Results

Sample ID	Depth (ft)	Location	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
B-19	12	1-6.2	10/5/2012	ND	ND	ND
B-19	15	1-6.2	10/5/2012	41.2	ND	41.2
B-20	3	1-5.2	10/5/2012	238	ND	238
B-20	6	1-5.2	10/5/2012	12.9	ND	12.9
B-20	9	1-5.2	10/5/2012	52.6	ND	52.6
B-20	12	1-5.2	10/5/2012	177	ND	177
B-20	15	1-5.2	10/5/2012	141	ND	141
B101	3	10' W of B-11	11/14/2012	ND	31.8	31.8
B101	6	10' W of B-11	11/14/2012	**900**	ND	**900**
B102	3	10' S of B-11	11/14/2012	ND	ND	ND
B102	6	10' S of B-11	11/14/2012	ND	ND	ND
B103	3	10' N of B-11	11/14/2012	88	ND	88
B103	6	10' N of B-11	11/14/2012	ND	ND	ND
B104	3	10' E of B-11	11/14/2012	67.6	ND	67.6
B104	6	10' E of B-11	11/14/2012	51.2	ND	51.2
B105	3	10' W of B-10	11/14/2012	ND	ND	ND
B105	6	10' W of B-10	11/14/2012	ND	ND	ND
B106	3	10' N of B-10	11/14/2012	ND	ND	ND
B106	6	10' N of B-10	11/14/2012	**521**	48.9	**569.9**
B107	3	10' E of B-10	11/14/2012	ND	ND	ND
B107	6	10' E of B-10	11/14/2012	50.7	ND	50.7
B108	3	10' S of B-19	11/14/2012	**605**	ND	**605**
B108	6	10' S of B-19	11/14/2012	40.3	73.5	113.8
B109	3	10' E of B-19	11/14/2012	57.6	ND	57.6
B109	6	10' E of B-19	11/14/2012	ND	22	22
B110	3	10' NE of B-19	11/14/2012	275	ND	275
B110	6	10' NE of B-19	11/14/2012	ND	38.2	38.2
B201	3	20' W of B-11	11/14/2012	ND	ND	ND
B201	6	20' W of B-11	11/14/2012	ND	ND	ND
B206	3	20' N of B-10	11/14/2012	**385**	ND	**385**
B206	6	20' N of B-10	11/14/2012	**2510**	36.9	**2546.9**
B208	3	20' S of B-19	11/14/2012	**1180**	ND	**1180**
B208	6	20' S of B-19	11/14/2012	**731**	ND	**731**
1-a	3	5' E of B-19	2/18/2013	22.3	ND	22.3
1-a	6	5' E of B-19	2/18/2013	ND	ND	ND
1-b	3	24' S of 1-a	2/18/2013	114	ND	114
1-b	6	24' S of 1-a	2/18/2013	ND	ND	ND
1-c	3	24' S of 1-b	2/18/2013	**711**	ND	**711**
1-c	6	24' S of 1-b	2/18/2013	112	ND	112
1-c-2	3	10' E of 1-c	2/18/2013	**309**	ND	**309**
1-c-3	3	20' E of 1-c	2/19/2013	ND	ND	ND
1-d	3	24' S of 1-c	2/18/2013	ND	ND	ND

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Additional Soil Sample Results

Sample ID	Depth (ft)	Location	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
1-d	6	24' S of 1-c	2/18/2013	ND	ND	ND
1-e	3	15' W of 1-d	2/18/2013	ND	ND	ND
1-e	6	15' W of 1-d	2/18/2013	ND	ND	ND
2-a	3	50' N of B105	2/18/2013	ND	ND	ND
2-a	6	50' N of B105	2/18/2013	ND	ND	ND
2-b	3	20' S of 2-a	2/18/2013	**365**	88	**453**
2-b	6	20' S of 2-a	2/18/2013	**1470**	ND	**1470**
2b-2a	8	20' S of 2-a	2/18/2013	ND	ND	ND
2-b-2	3	10' W of 2-b	2/18/2013	**1110**	ND	**1110**
2-b-2	6	10' W of 2-b	2/18/2013	**702**	ND	**702**
2-b-3	3	20' W of 2-b	2/18/2013	ND	ND	ND
2-b-3	6	20' W of 2-b	2/18/2013	**1200**	ND	**1200**
2-b-4	6	30' W of 2-b	2/19/2013	ND	ND	ND
2-c	3	20' S of 2-b	2/18/2013	ND	ND	ND
2-c	6	20' S of 2-b	2/18/2013	ND	ND	ND
2-d	3	20' S of 2-c	2/18/2013	ND	ND	ND
2-d	6	20' S of 2-c	2/18/2013	ND	ND	ND
2-e	3	20' E of 2-d	2/18/2013	ND	ND	ND
2-e	6	20' E of 2-d	2/18/2013	ND	ND	ND
2-f	3	20' N of 2-e	2/18/2013	ND	ND	ND
2-f	6	20' N of 2-e	2/18/2013	60.8	ND	60.8
2-g	3	20' N of 2-f	2/18/2013	**650**	ND	**650**
2-g	6	20' N of 2-f	2/18/2013	221	ND	221
2-g-2	3	10' E of 2-g	2/18/2013	**1420**	ND	**1420**
2-g-2	6	10' E of 2-g	2/18/2013	220	ND	220
2-g-3	3	20' E of 2-g	2/18/2013	**512**	ND	**512**
2-g-3	6	20' E of 2-g	2/18/2013	ND	ND	ND
2-g-4	3	30' E of 2-g	2/19/2013	ND	ND	ND
2-h	3	20' N of 2-g	2/18/2013	ND	ND	ND
2-h	6	20' N of 2-g	2/18/2013	ND	ND	ND
4-a	3	10' N of B201	2/18/2013	ND	ND	ND
4-a	6	10' N of B201	2/18/2013	ND	ND	ND
4-b	3	20' S of 4-a	2/18/2013	ND	ND	ND
4-b	6	20' S of 4-a	2/18/2013	ND	ND	ND
4-c	3	30' E of 4-b	2/18/2013	68.0	ND	68
4-c	6	30' E of 4-b	2/18/2013	ND	ND	ND
4-d	3	20' N of 4-c	2/18/2013	**542**	ND	**542**
4-d	6	20' N of 4-c	2/18/2013	ND	ND	ND
4-d-2	3	10' NE of 4-d	2/18/2013	109	ND	109

Bold: Indicates level greater than 300 mg/kg

ND: No Detect

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Royster-Clark Madison / BT Squared Project #3234
(Results are in mg/kg)

Sample	Depth (feet)	Date	Laboratory Analytical Results		
			NO3+NO2-N	NH3-N	Total N
DP101	1-2	2/19/2007	<20	<10	ND
	2-4	2/19/2007	44	<10	44
DP102	1-2	2/19/2007	<20	<10	ND
	2-4	2/19/2007	33	140	**173**
DP103	1-2	2/19/2007	<20	<10	ND
	2-4	2/19/2007	<20	<10	ND
DP104	1-2	2/19/2007	<20	<10	ND
	2-4	2/19/2007	<20	<10	ND
DP105	1-2	2/19/2007	<20	<10	ND
	2-4	2/19/2007	<20	<10	ND
DP106	1-2	2/19/2007	<20	18	18
	2-4	2/19/2007	<20	<10	ND
DP107	1-2	2/19/2007	<20	<10	ND
	2-4	2/19/2007	<20	<10	ND
DP108	1-2	2/19/2007	<20	<10	ND
	2-4	2/19/2007	<20	<10	ND
DP109	1-2	2/19/2007	<20	<10	ND
	2-4	2/19/2007	23	23	46
DP110	1-2	2/19/2007	<20	<10	ND
	2-4	2/19/2007	<20	<10	ND
DP111	5-6	2/19/2007	54	480	**534**
	7-8	2/19/2007	<20	970	**970**
DP112	4-5	2/19/2007	<20	<10	ND
	7-8	2/19/2007	27	390	**417**
DP113	5-6	2/19/2007	<20	670	**670**
	7-8	2/19/2007	<20	220	**220**

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Royster-Clark Madison / BT Squared Project #3234
(Results are in mg/kg)

Sample	Depth (feet)	Date	Laboratory Analytical Results		
			NO3+NO2-N	NH3-N	Total N
DP114	1-2	2/19/2007	180	<10	**180**
	2-4	2/19/2007	180	<10	**180**
DP115	1-2	2/19/2007	<20	<10	ND
	2-4	2/19/2007	28	<10	28
	7-8	2/19/2007	150	12	**162**
DP116	1-2	2/20/2007	<20	11	11
	2-4	2/20/2007	<20	12	12
DP117	1-2	2/20/2007	<20	<10	ND
	2-4	2/20/2007	<20	10	10
DP118	1-2	2/20/2007	200	540	**740**
	2-4	2/20/2007	99	2,000	**2,099**
DP119	1-2	2/20/2007	<20	15	15
	2-4	2/20/2007	52	12	64
DP120	1-2	2/20/2007	52	41	93
	2-4	2/20/2007	21	140	**161**
DP121	1-2	2/20/2007	<20	<10	ND
	2-4	2/20/2007	45	<10	45
DP122	1-2	2/20/2007	<20	<10	ND
	2-4	2/20/2007	24	190	**214**
DP123	1-2	2/20/2007	620	550	**1,170**
	2-4	2/20/2007	610	250	**860**
DP124	1-2	2/20/2007	<20	2,100	**2,100**
	2-4	2/20/2007	<20	2,300	**2,300**
DP125	1-2	2/20/2007	42	<10	42
	2-4	2/20/2007	190	1,600	**1,790**
DP126	1-2	2/20/2007	<20	<10	ND
	2-4	2/20/2007	<20	<10	ND

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Royster-Clark Madison / BT Squared Project #3234
(Results are in mg/kg)

Sample	Depth (feet)	Date	Laboratory Analytical Results		
			NO3+NO2-N	NH3-N	Total N
DP127	1-2	2/20/2007	21	<10	21
	2-4	2/20/2007	21	<10	21
DP130	1-2	2/21/2007	<20	<10	ND
	2-4	2/21/2007	<20	<10	ND
DP131	1-2	2/21/2007	<20	<10	ND
	2-4	2/21/2007	<20	<10	ND
DP132	1-2	2/21/2007	<20	<10	ND
	2-4	2/21/2007	<20	98	98
DP133	1-2	2/21/2007	<20	<10	ND
	2-4	2/21/2007	<20	<10	ND
DP134	1-2	2/21/2007	<20	86	86
	2-4	2/21/2007	<20	150	**150**
DP135	1-2	2/21/2007	22	200	**222**
	2-4	2/21/2007	<20	16	16
DP136	1-2	2/21/2007	<20	<10	ND
	2-4	2/21/2007	99	<10	99
DP137	1-2	2/21/2007	36	<10	36
	2-4	2/21/2007	120	<10	120
DP144	1-2	2/22/2007	200	<10	**200**
	2-4	2/22/2007	<20	76	76
DP145	1-2	2/22/2007	92	160	**252**
	2-4	2/22/2007	170	250	**420**
DP146	1-2	2/22/2007	86	<10	86
	2-4	2/22/2007	<20	38	38
DP147	1-2	2/22/2007	33	<10	33
	2-4	2/22/2007	<20	<10	ND

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Royster-Clark Madison / BT Squared Project #3234

(Results are in mg/kg)

Sample	Depth (feet)	Date	Laboratory Analytical Results		
			NO3+NO2-N	NH3-N	Total N
DP148	1-2	2/22/2007	520	1,800	**2,320**
	2-4	2/22/2007	270	10	**280**
DP153	6-8	4/11/2007	60	140	**200**
	12-14	4/11/2007	<20	<10	ND
DP155	0-2	4/11/2007	440	490	**930**
	2-4	4/11/2007	47	520	**567**
DP156	2-4	4/11/2007	<20	830	**830**
	4-6	4/11/2007	<20	990	**990**
DP157	2-4	4/11/2007	<20	<10	ND
	4-6	4/11/2007	23	<10	23
DP164	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	22	<10	22
DP165	0-2	11/27/2007	26	<10	26
	2-4	11/27/2007	<20	<10	ND
	6-8	11/27/2007	<20	<10	ND
DP166	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
DP167	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
DP168	0-2	11/27/2007	20	<10	20
	2-4	11/27/2007	<20	<10	ND
DP169	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
DP170	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
DP171	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Royster-Clark Madison / BT Squared Project #3234
(Results are in mg/kg)

Sample	Depth (feet)	Date	Laboratory Analytical Results		
			NO3+NO2-N	NH3-N	Total N
DP172	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
DP173	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
	6-8	11/27/2007	<20	<10	ND
DP174	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
	6-8	11/27/2007	<20	<10	ND
DP175	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	36	510	**546**
	6-8	11/27/2007	27	<10	27
DP176	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
DP177	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
DP178	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
DP179	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
DP180	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
DP181	0-2	11/28/2007	24	<10	24
	2-4	11/28/2007	52	<10	52
	6-8	11/28/2007	490	360	**850**
DP182	0-2	11/28/2007	<20	<10	ND
	2-4	11/28/2007	<20	<10	ND

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Royster-Clark Madison / BT Squared Project #3234
(Results are in mg/kg)

Sample	Depth (feet)	Date	Laboratory Analytical Results		
			NO3+NO2-N	NH3-N	Total N
DP194	1-2	1/7/2011	<20	1,200	**1,200**
	3-4	1/7/2011	<20	760	**760**
	7-8	1/7/2011	<20 H	210 H	**210**
DP195	1-2	1/7/2011	<20	<10	ND
	3-4	1/7/2011	<20	<10	ND
	7-8	1/7/2011	33 H	48 H	81
DP196	0.5-1.5	1/7/2011	<20	<10	ND
	3-4	1/7/2011	<20	<10	ND
	7-8	1/7/2011	<20 H	550 H	**550**
DP197	2-4	1/7/2011	43	210	**253**
	4-5	1/7/2011	60	350	**410**
	7-8	1/7/2011	<20 H	1,100 H	**1,100**
DP198	0-2	1/7/2011	<20	<10	ND
	3-4	1/7/2011	<20	<10	ND
DP205	1-2	1/7/2011	230	<10	**230**
	3-4	1/7/2011	470	650	**1,120**
	7-8	1/7/2011	180 H	91 H	**271**
DP206	1-2	1/7/2011	80	<10	80
	3-4	1/7/2011	25	<10	25
DP207	1-2	1/7/2011	<20	<10	ND
	3-4	1/7/2011	<20	<10	ND
MW7	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND
	6-8	11/27/2007	<20	<10	ND
MW8	0-2	11/27/2007	<20	<10	ND
	2-4	11/27/2007	<20	<10	ND

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Royster-Clark Madison / BT Squared Project #3234
(Results are in mg/kg)

Sample	Depth (feet)	Date	Laboratory Analytical Results		
			NO3+NO2-N	NH3-N	Total N
HA-1	1	12/31/2007	36 J	680	**716**
	3	12/31/2007	23 J	54 J	77
HA-2	1	12/31/2007	85 J	110 J	**195**
	3	12/31/2007	83 J	240	**323**
HA-3	2.5 (8.5' brgs)	1/12/2009	29	<10	29
	4 (10' brgs)	1/12/2009	<20	<10	ND
HA4	2.5 (8.5' brgs)	1/12/2009	<20	<10	ND
	4 (10' brgs)	1/12/2009	<20	<10	ND
HA5	2.5 (8.5' brgs)	1/12/2009	20	<10	20
	4 (10' brgs)	1/12/2009	21	<10	21
HA6	2.5 (8.5' brgs)	1/12/2009	<20	<10	ND
	4 (10' brgs)	1/12/2009	<20	<10	ND
HA7	2.5 (8.5' brgs)	1/12/2009	28	<10	28
	4 (10' brgs)	1/12/2009	<20	<10	ND
HA8	2.5 (8.5' brgs)	1/12/2009	63	45	108
	4 (10' brgs)	1/12/2009	<20	<10	ND
HA9	2.5 (8.5' brgs)	1/12/2009	21	49	70
	4 (10' brgs)	1/12/2009	<20	<10	ND
HA10	2.5 (8.5' brgs)	1/12/2009	<20	<10	ND
	4 (10' brgs)	1/12/2009	<20	<10	ND
HA11	2.5 (8.5' brgs)	1/12/2009	<20	<10	ND
	4 (10' brgs)	1/12/2009	<20	<10	ND
HA12	2.5 (8.5' brgs)	1/12/2009	<20	<10	ND
	4 (10' brgs)	1/12/2009	21	<10	21
HA13	2.5 (8.5' brgs)	1/12/2009	<20	<10	ND
	4 (10' brgs)	1/12/2009	<20	<10	ND

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Royster-Clark Madison / BT Squared Project #3234
(Results are in mg/kg)

Sample	Depth (feet)	Date	Laboratory Analytical Results		
			NO3+NO2-N	NH3-N	Total N
HA14	2.5 (8.5' brgs)	1/12/2009	230	2,300	**2,530**
	4 (10' brgs)	1/12/2009	92	<10	92
HA15	2.5 (8.5' brgs)	3/16/2009	<20	<10	ND
	4 (10' brgs)	3/16/2009	<20	<10	ND
HA16	2.5 (8.5' brgs)	3/16/2009	<20	15	15
	4 (10' brgs)	3/16/2009	21	<10	21
HA17	2 (8' brgs)	3/16/2009	<20	460	**460**
HA18	2.5 (8.5' brgs)	3/16/2009	<20	<10	ND
	3.25 (9.25' brgs)	3/16/2009	<20	27	27
HA19	2.5 (8.5' brgs)	3/16/2009	<20	<10	ND
	4 (10' brgs)	3/16/2009	21	<10	21
HA20	2.5 (8.5' brgs)	3/16/2009	28	<10	28
	4 (10' brgs)	3/16/2009	24	<10	24
HA21	2.5 (8.5' brgs)	3/16/2009	39	<10	39
	4 (10' brgs)	3/16/2009	23	<10	23
HA22	2.5 (8.5' brgs)	3/17/2009	68	34	102
	3.25 (9.25' brgs)	3/17/2009	69	260	**329**
HA23	2.5 (8.5' brgs)	3/17/2009	310	<10	**310**
	4 (10' brgs)	3/17/2009	47	<10	47
HA24	2.5 (8.5' brgs)	3/17/2009	60	<10	60
HA25	2.5 (8.5' brgs)	3/17/2009	23	14	37
	4 (10' brgs)	3/17/2009	80	37	117
HA26	2.5 (8.5' brgs)	3/17/2009	65	44	109
	3.75 (9.75' brgs)	3/17/2009	46	<10	46
HA27	2.5 (8.5' brgs)	3/17/2009	32	<10	32
	3.5 (9.5' brgs)	3/17/2009	33	<10	33

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

Royster-Clark Madison / BT Squared Project #3234
(Results are in mg/kg)

Sample	Depth (feet)	Date	Laboratory Analytical Results		
			NO3+NO2-N	NH3-N	Total N
HA28	2.5 (8.5' brgs)	3/17/2009	28	120	148
	4 (10' brgs)	3/17/2009	31	170	**201**
HA29	2.5 (8.5' brgs)	3/17/2009	320	1,400	**1,720**
	3 (9' brgs)	3/17/2009	290	1,200	**1,490**
HA30	2.5 (8.5' brgs)	3/18/2009	53	36	89
	4 (10' brgs)	3/18/2009	<20	140	140
HA31	2.5 (8.5' brgs)	3/18/2009	26	32	58
	4 (10' brgs)	3/18/2009	<20	<10	ND

ABBREVIATIONS:
NO_3+NO_2 = Nitrate plus nitrite as nitrogen
Total N = Sum of NO_3+NO_2 and NH_3
mg/kg = milligrams per kilogram
brgs = below relative ground surface
NA = Not Analyzed
ND = Not Detected
NH_3 = Ammonia as nitrogen

NOTES:
Bold+underlined values meet or exceed the approved site cleanup goal of 150 mg/kg total nitrogen.
Laboratory Analytical Results are used to confirm or verify the Field Screen Analytical Results.

LABORATORY NOTES:
H = The sample was held beyond the accepted hold time.
J = Estimated.

Created by: TLR Date: 3/16/2007
Last revision by: LMH Date: 3/1/2011
Checked by: SMS Date: 3/2/2011

I:\3234\Tables\[Soil_Nitrogen.xls]Nitrogen Results

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen
2004 Soil Excavation
Soil Excavation Analytical Results Summary
Royster-Clark, Inc. Madison, WI / BT² Project #2476

Sample	Depth (ft)	Progress or Closure	Date	NH_3-N (mg/kg)	NO_3+NO_2-N (mg/kg)	Total N (mg/kg)
S1	4	Closure	08/27/04	100	<20	100
S2	2	Closure	08/27/04	<10	52	52
S3	4.5	Closure	08/27/04	<10	27	27
S4	1.5	Closure	08/27/04	27	21	48
S5	4.5	Closure	08/27/04	<10	37	37
S6	2.5	Closure	08/27/04	<10	<20	<30
S7	3.5	Progress	08/27/04	520	33	**553**
S8	8	Closure	08/27/04	<10	<20	<30
S9	1.5	Progress	08/27/04	1,100	40	**1,140**
S10	3	Closure	08/27/04	<10	23	23
S11	1	Closure	09/03/04	<10	<20	<30
S12	4	Progress	09/03/04	430	56	**486**
S13	1.5	Progress	09/03/04	320	37	**357**
S14	4	Closure	09/03/04	43	<20	43
S15	4.5	Closure	09/03/04	34	<20	34
S16	1.5	Closure	09/03/04	<10	<20	<30
S17	3.5	Closure	09/03/04	<10	<20	<30
S18	3	Closure	09/07/04	<10	31	31
S19	4	Closure	09/07/04	<10	25	25
S20	1.5	Closure	09/07/04	<10	43	43
S21	5.5	Closure	09/09/04	<10	24	24
S22	5.5	Closure	09/09/04	24	29	53
S23	5.5	Closure	09/09/04	62	<20	62
S24	5.5	Closure	09/09/04	91	21	112
S25	5.5	Closure	09/09/04	76	31	107
S26	5.5	Closure	09/09/04	<10	34	34
S27	9	Progress	09/09/04	140	110	**250**
S28	9	Closure	09/09/04	14	32	46
S29	11	Closure	09/10/04	50	56	106

ABBREVIATIONS:

NO_3+NO_2 = Nitrate plus nitrite as nitrogen

NH_3 = Ammonia as nitrogen

Total N = Total Nitrogen (sum of NO_3+NO_2 and NH_3)

NA = Not Analyzed

NOTES:

Bold values exceed the site cleanup goal of 150 mg/kg total nitrogen.

Progress samples indicate that impacted soil around the sample was excavated.

Closure samples indicate that soil around the sample was left in place.

All samples were analyzed by Environmental Chemistry Consulting Services, Inc. (ECCS).

Completed by: SMS 09/14/04

Checked by: LMH 12/8/04

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

2005 Soil Excavation Analytical Results Summary
Royster-Clark, Inc. Madison, WI / BT² Project #2476

Sample	Depth (ft)	Progress or Closure	Date	NO_3+NO_2-N (mg/kg)	NH_3-N (mg/kg)	Total N (mg/kg)
S1	2	Closure	7/18/2005	30	51	81
S2	6	Closure	7/18/2005	<20	<10	ND
S3	3	Closure	7/18/2005	27	45	72
S4	2	Closure	7/18/2005	78	35	113
S5	4.5	Closure	7/18/2005	<20	<10	ND
S6	1	Closure	7/18/2005	48	<10	48
S7	7	Closure	7/18/2005	<20	<10	ND
S8	3	Progress	7/18/2005	56	640	**696**
S9	4	Closure	7/18/2005	<20	<10	ND
S10	2	Closure	7/18/2005	<20	<10	ND
S11	3	Closure	7/18/2005	89	1,100	**1,189**
S12	1	Closure	7/18/2005	26	<10	26
S13	3	Closure	7/18/2005	21	200	**221**
S14	1.5	Closure	7/18/2005	98	32	130
S15	4	Closure	7/19/2005	<20	64	64
S16	6	Progress	7/19/2005	<20	300	**300**
S17	3	Closure	7/19/2005	<20	79	79
S18	5	Closure	7/19/2005	<20	<10	ND
S19	7.5	Closure	7/19/2005	22	<10	22
S20	5	Closure	7/19/2005	<20	110	110
S21	2	Closure	7/19/2005	<20	23	23
S22	4	Closure	7/19/2005	<20	120	120
S23	3	Closure	7/19/2005	<20	170	**170**
S24	7.5	Closure	7/19/2005	<20	<10	ND
S25	7.5	Closure	7/19/2005	<20	35	35
S26	7.5	Closure	7/19/2005	27	<10	27
S27	5	Closure	7/19/2005	84	<10	84
S28	3	Closure	7/20/2005	44	270	**314**
S29	3	Closure	7/20/2005	180	1,600	**1,780**
S30	3	Progress	7/20/2005	91	2,800	**2,891**
S31	1	Closure	7/20/2005	65	<10	65
S32	2	Progress	7/20/2005	110	470	**580**
S33	3	Closure	7/20/2005	61	<10	61
S34	5.5	Closure	7/20/2005	82	<10	82
S35	6	Closure	7/20/2005	36	<10	36
S36	2	Progress	7/20/2005	77	210	**287**
S37	5	Closure	7/20/2005	81	56	137
S38	4	Closure	7/20/2005	52	14	66
S39	6	Progress	7/20/2005	100	280	**380**
S40	4	Closure	7/20/2005	110	770	**880**
S41	7.5	Closure	7/20/2005	51	22	73
S42	7.5	Closure	7/20/2005	<20	110	110
S43	7.5	Closure	7/20/2005	22	47	69
S44	2	Progress	7/22/2005	83	540	**623**
S45	3	Progress	7/22/2005	110	220	**330**

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

2005 Soil Excavation Analytical Results Summary
Royster-Clark, Inc. Madison, WI / BT² Project #2476

Sample	Depth (ft)	Progress or Closure	Date	NO_3+NO_2-N (mg/kg)	NH_3-N (mg/kg)	Total N (mg/kg)
S46	6	Closure	7/22/2005	76	600	**676**
S47	2	Closure	7/22/2005	170	680	**850**
S48	7.5	Closure	7/22/2005	42	55	97
S49	7.5	Closure	7/22/2005	25	67	92
S50	6	Closure	7/22/2005	69	<10	69
S51	3	Closure	7/22/2005	<20	56	56
S52	9	Closure	7/22/2005	<20	14	14
S53	7.5	Closure	7/22/2005	38	<10	38
S54	6	Progress	7/22/2005	400	260	**660**
S55	3	Closure	7/22/2005	200	5,200	**5,400**
S56	7	Progress	7/25/2005	59	80	139
S57	3	Progress	7/25/2005	240	360	**600**
S58	6	Closure	7/25/2005	48	34	82
S59	9	Progress	7/25/2005	49	560	**609**
S60	9	Progress	7/25/2005	120	49	**169**
S61	8	Progress	7/25/2005	38	220	**258**
S62	9	Progress	7/25/2005	88	130	**218**
S63	7.5	Progress	7/25/2005	27	160	**187**
S64	5	Closure	7/25/2005	<20	<10	ND
S65	3	Closure	7/25/2005	<20	76	76
S66	5	Closure	7/25/2005	20	2,100	**2,120**
S67	4	Closure	7/25/2005	70	330	**400**
S68	6	Closure	7/25/2005	<20	27	27
S69	12	Closure	7/26/2005	88	59	147
S70	12	Closure	7/26/2005	90	<10	90
S71	12	Closure	7/26/2005	79	650	**729**
S72	12	Closure	7/26/2005	35	77	112
S73	12	Closure	7/26/2005	130	1,200	**1,330**
S74	6	Closure	7/26/2005	<20	<10	ND
S75	6	Closure	7/26/2005	450	<10	**450**
S76	3	Closure	7/26/2005	<20	<10	ND
S77	4	Closure	7/26/2005	<20	10	10
S78	7	Closure	7/27/2005	49	<10	49
S79	3	Closure	7/27/2005	82	<10	82
S80	12	Closure	7/27/2005	20	<10	20
S81	2	Closure	7/27/2005	<20	<10	ND
S82	6	Closure	7/27/2005	22	<10	22
S83	2	Closure	7/27/2005	74	12	86
S84	2	Closure	7/27/2005	74	<10	74
S85	7	Closure	7/27/2005	41	14	55
S86	6	Closure	7/29/2005	36	24	60

Table A.2.1
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Nitrogen

2005 Soil Excavation Analytical Results Summary
Royster-Clark, Inc. Madison, WI / BT² Project #2476

ABBREVIATIONS:
NO_3+NO_2-N= Nitrate plus nitrite as nitrogen
NH_3-N = Ammonia as nitrogen
Total N = Total Nitrogen (sum of NO_3+NO_2-N and NH_3-N)
ND = Not Detected

NOTES:
Bold values exceed the site cleanup goal of 150 mg/kg total nitrogen.
Progress samples indicate that impacted soil around the sample was excavated.
Closure samples indicate that soil around the sample was left in place.
All samples were analyzed by Environmental Chemistry Consulting Services, Inc. (ECCS).

Completed by: LMH 10/4/05
Checked by: SMS 10/4/05

Table A.2.2
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Lead

Lead Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	Concentration (mg/kg)
Lead NE	2	Progress	1/9/2012	14.7
Lead NE	4	Progress	1/9/2012	11.7
Lead NE2	5	Progress	1/16/2012	9.7
Lead NE2	8	Closure	1/16/2012	1.1
Lead NW	2	Progress	1/9/2012	12
Lead NW	4	Closure	1/9/2012	14.6
Lead SE	3	Progress	1/9/2012	16.4
Lead SE	6	Progress	1/9/2012	2.8
Lead SE2	4	Progress	1/16/2012	9.6
Lead SE2	8	Closure	1/16/2012	0.91
Lead SW	2	Progress	1/9/2012	17.7
Lead SW	4	Progress	1/9/2012	13.9
Lead SW2	6	Progress	1/16/2012	6.7
Lead SW2	8	Closure	1/16/2012	1.4

Table A.2.2
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Lead

Soil Analytical Results Summary - Other Inorganics
Royster Clark Phase 2 ESA / BT² Project #3234
(Results are in mg/kg, except where noted otherwise)

Sample	Date	Depth	Copper	Zinc	Lead	pH [1] (pH units)	Total Phosphorus (%)	Sulfate
DP102	2/19/2007	1-2	NA	NA	NA	7.30	NA	<94
	2/19/2007	2-4	NA	NA	NA	3.80	NA	3,600
DP111	2/19/2007	5-6	NA	NA	NA	NA	0.21	NA
	2/19/2007	7-8	NA	NA	NA	NA	0.090	NA
DP112	2/19/2007	4-5	NA	NA	NA	NA	0.031	NA
	2/19/2007	7-8	NA	NA	NA	NA	0.11	NA
DP113	2/19/2007	5-6	NA	NA	NA	NA	0.029	NA
	2/19/2007	7-8	NA	NA	NA	NA	0.038	NA
DP114	2/19/2007	1-2	NA	NA	NA	NA	NA	6,800
	2/19/2007	2-4	NA	NA	NA	NA	NA	4,100
DP115	2/19/2007	1-2	NA	NA	NA	NA	NA	11,000
	2/19/2007	2-4	NA	NA	NA	NA	NA	5,000
DP119	2/20/2007	1-2	NA	NA	NA	5.80	1.0	<96
	2/20/2007	2-4	NA	NA	NA	6.10	0.10	230
DP120	2/20/2007	1-2	NA	NA	NA	6.40	0.94	480
	2/20/2007	2-4	NA	NA	NA	6.00	0.49	<91
DP126	2/20/2007	1-2	NA	NA	**1,300**	5.80	0.014	<89
	2/20/2007	2-4	NA	NA	14	4.80	0.055	170
DP127	2/20/2007	1-2	NA	NA	**270**	5.60	0.017	16,000
	2/20/2007	2-4	NA	NA	**83**	4.70	0.0053	6,500
DP130	2/21/2007	1-2	490	980	NA	NA	0.13	540
	2/21/2007	2-4	7.9	120	NA	NA	8.5	<92
DP131	2/21/2007	1-2	26	110	NA	NA	1.8	170
	2/21/2007	2-4	8.8	13	NA	NA	0.29	<82
DP146	2/22/2007	1-2	NA	NA	NA	NA	NA	<79
	2/22/2007	2-4	NA	NA	NA	NA	NA	380
DP147	2/22/2007	1-2	NA	NA	NA	NA	NA	<79
	2/22/2007	2-4	NA	NA	NA	NA	NA	<78

Table A.2.2
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - Lead

Soil Analytical Results Summary - Other Inorganics
Royster Clark Phase 2 ESA / BT² Project #3234
(Results are in mg/kg, except where noted otherwise)

Sample	Date	Depth	Copper	Zinc	Lead	pH [1] (pH units)	Total Phosphorus (%)	Sulfate
DP148	2/22/2007	1-2	NA	NA	NA	NA	NA	11,000
	2/22/2007	2-4	NA	NA	NA	NA	NA	180
DP150	2/23/2007	1-2	NA	NA	NA	10.2	NA	<76
	2/23/2007	2-4	NA	NA	NA	8.20	NA	<76
DP151	2/23/2007	1-2	NA	NA	NA	7.80	NA	<76
	2/23/2007	2-4	NA	NA	NA	7.90	NA	<77
DP153	4/11/2007	6-8	NA	NA	NA	NA	0.35	NA
	4/11/2007	12-14	NA	NA	NA	NA	0.045	NA
DP156	4/11/2007	2-4	NA	NA	NA	NA	0.11	NA
	4/11/2007	4-6	NA	NA	NA	NA	0.092	NA
DP157	4/11/2007	2-4	NA	NA	NA	NA	0.078	NA
	4/11/2007	4-6	NA	NA	NA	NA	0.080	NA
NR 720 RCLs Non-Industrial			NE	NE	50	NE	NE	NE
NR 720 RCLs Industrial			NE	NE	500	NE	NE	NE
Typical Background Concentration[2]			12	44	12	--	--	--
PRG for Residential Soil[3]			3,100	23,000	400	--	--	--
PRG for Industrial Soil[3]			41,000	100,000	800	--	--	--

ABBREVIATIONS:
mg/kg - milligrams per kilogram or parts per million (ppm)
NE = No Standard Established
SSL = Soil Screening Level
NA = Not Analyzed
PRG = Preliminary Remediation Goal
-- = Not Available

NOTES:
[1] Materials with pH less than or equal to 2 or greater than or equal to 12.5 are hazardous wastes under NR 661.22, Wisconsin Administrative Code
[2] Mean reported background concentrations for Wisconsin reported in Table 2.3 in the USEPA Guidance for Developing Ecological SSLs.
[3] USEPA Region 9 PRGs provided for comparison.
Bold+underlined values exceed NR 720 RCLs.
NR 720 RCLs Non-Industrial = NR 720 Table 2 Residual Contaminant Levels (RCLs) Based On Human Health Risk From Direct Contact Related To Land Use for Non-Industrial.
NR 720 RCLs Industrial = NR 720 RCLs Table 2 Based On Human Health Risk From Direct Contact Related To Land Use for Industrial.

Created by: TLR Date: 3/22/2007
Last revision by: TLR Date: 4/24/2007
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I:\3234\Tables\[Soil_Inorganics.xls]Soil Metals

Table A.2.3
Pre-Remedial Soil Analytical Table

Pre-Remedail Soil Analytical Data - Pesticide

Pesticide Sample Results

Sample ID	Depth (ft)	Progress or Closure	Date	Pesticide	Concentration (ug/kg)
Pesticide N	2	Progress	1/9/2012	N/A	ND
Pesticide E	2	Progress	1/9/2012	N/A	ND
Pesticide S	2	Progress	1/9/2012	N/A	ND
Pesticide W	2	Progress	1/9/2012	Prometon	65
Pesticide SW	1	Progress	1/10/2012	Atrazine	1000
Pesticide SW	3	Progress	1/10/2012	N/A	ND
Pesticide SW	6	Closure	1/10/2012	Atrazine	370
Pesticide SW	6	Closure	1/10/2012	Prometon	84
Pesticide SW	6	Closure	1/10/2012	Trifluralin	510
Pesticide NE	1	Progress	1/10/2012	Atrazine	1400
Pesticide NE	1	Progress	1/10/2012	Prometon	280
Pesticide NE	1	Progress	1/10/2012	Simazine	100
Pesticide NE	3	Progress	1/10/2012	N/A	ND
Pesticide NE	6	Closure	1/10/2012	N/A	ND
Pesticide NE	8	Closure	1/13/2012	N/A	ND

Indicates result exceeds the groundwater pathway standard

Table A.2.3
Pre-Remedial Soil Analytical Table

Pre-Remedail Soil Analytical Data - Pesticide

Royster Clark Phase 2 ESA / BT² Project #3234

(Results are in mg/kg)

Sample	Depth (feet)	Date	Total Pesticides	Aceto	Alac	Atra	DEA	DIA	Butylate	Chlorpyrifos	Cyanazine	Dimethenamid	EPTC	Meto	Metribuzin	Pend	Prometon	Propazine	Simazine	Trifluralin
DP104	1-2	2/19/2007	**2.95**	<0.050	<0.050	2.6	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025	<0.025	0.29	<0.025	<0.050	0.059
	2-4	2/19/2007	ND	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025
DP105	1-2	2/19/2007	0.58	<0.050	<0.050	0.48	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025	<0.025	0.096	<0.025	<0.050	<0.025
	2-4	2/19/2007	0.7	<0.050	<0.050	0.7	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025
DP150	1-2	2/23/2007	ND	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025
	2-4	2/23/2007	ND	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025
DP151	1-2	2/23/2007	0.94	<0.050	<0.050	<0.025	<0.025	<0.050	0.94	<0.025	<0.050	<0.025	<0.050	<0.025	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025
	2-4	2/23/2007	0.56	<0.050	<0.050	<0.025	<0.025	<0.050	<0.025	<0.025	<0.050	<0.025	0.56	<0.025	<0.025	<0.025	<0.050	<0.025	<0.050	<0.025
Current Groundwater Pathway Standard						0.0039			0.78				0.26				0.095		0.0039	0.5
Current Non-Industrial Direct Contact †						2.1			3,100				1960				920		4.1	63

DEA = Desethylatrazine
Aceto = Acetochlor
DIA = Desisopropylatrazine
Pend = Pendimethalin
Meto = Metolachlor
Atra = Atrazine
Alac = Alachlor

NOTES:
Bold+underlined values exceed the target concentration of 1 mg/kg total pesticide.

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I:\3234\Tables\[Soil_Pesticides.xls]Soil Investigation Results

Current Soil Standards based on WDNR Guidance Document "Soil Residual Contaminant Level Determinations Using The U.S. EPA Regional Screening Level Web Calculator", Publication PUB-RR-890.
† Direct contact standards applied to soil located within 0 to 4 feet of the ground surface

Indicates result exceeds the groundwater pathway standard

Indicates result exceeds the residential direct contact standard

Table A.2.4
Pre-Remedial Soil Analytical Table

Pre-Remedial Soil Analytical Data - DRO

DRO Sample Results

Sample ID	Depth (ft)	Date	Contaminant	Concentration (ug/kg)
South Maintenance Wall	2	1/12/2012	1,2,4- Trimethylbenzene	2600
South Maintenance Wall	2	1/12/2012	1,3,5- Trimethylbenzene	950
South Maintenance Wall	2	1/12/2012	Ethylbenzene	100
South Maintenance Wall	2	1/12/2012	Isopropylbenzene	260
South Maintenance Wall	2	1/12/2012	Naphthalene	360
South Maintenance Wall	2	1/12/2012	n-Butylbenzene	1800
South Maintenance Wall	2	1/12/2012	N-Propylbenzene	680
South Maintenance Wall	2	1/12/2012	p-Isopropyltoluene	1400
South Maintenance Wall	2	1/12/2012	sec-Butylbenzene	880
South Maintenance Wall	2	1/12/2012	1,2,4- Trimethylbenzene	13000
South Maintenance Wall	2	1/12/2012	1,3,5- Trimethylbenzene	4400
South Maintenance Wall	2	1/12/2012	GRO-C6-C10	1200
South Maintenance Wall	2	1/12/2012	DRO-C10-C28	1600
South Maintenance Wall	2	1/12/2012	Lead	13
South Maintenance Floor	3	1/12/2012	1,2,4- Trimethylbenzene	680
South Maintenance Floor	3	1/12/2012	1,3,5- Trimethylbenzene	71
South Maintenance Floor	3	1/12/2012	GRO-C6-C10	99
South Maintenance Floor	3	1/12/2012	Xylenes, Total	720
South Maintenance Floor	3	1/12/2012	DRO-C10-C28	43
South Maintenance Floor	3	1/12/2012	Lead	45
Inside Pipe	2	1/12/2012	DRO-C10-C28	600
Inside Pipe	2	1/12/2012	Lead	310

Table A.2.4
Pre-Remedial Soil Analytical Table

Pre-Remedail Soil Analytical Data - DRO

Royster Clark Phase 2 ESA / BT^2 Project #3234
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID (IU)	Lab Notes	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Other VOCs
DP123	2/20/2007	2-4	1.3	--	<4.7	<31	<31	<31	<110	<31	<31	<31	ND
	2/20/2007	10-12	1.3	--	<4.6	<29	<29	<29	<99	<29	<29	<29	ND
DP124	2/20/2007	2-4	0	(1)	<4.9	<31	<31	<31	<110	<31	<31	<31	ND
	2/20/2007	8-10	0	(1)	<4.6	<29	<29	<29	<100	<29	<29	<29	ND
DP137	2/21/2007	6-8	0	--	NA	<26	<26	<26	<77	<26	<26	<26	NA
	2/21/2007	14-15	0	(2)	NA	<38	<38	<38	<110	<38	<38	<38	NA
DP138	2/21/2007	10-12	0	--	NA	<27	<27	<27	<81	<27	<27	<27	NA
	2/21/2007	14-16	1.6	--	NA	<28	<28	<28	<83	<28	<28	<28	NA
DP139	2/21/2007	4-6	0	--	NA	<28	<28	<28	<84	<28	<28	<28	NA
	2/21/2007	12-14	1.8	--	NA	<27	<27	<27	<82	<27	<27	<27	NA
DP140	2/21/2007	8-10	1.8	--	NA	<26	<26	<26	<79	29	<26	<26	NA
	2/21/2007	12-14	2.4	--	NA	<28	<28	<28	<83	<28	<28	<28	NA
DP141	2/21/2007	12-14	1.8	--	NA	<27	<27	<27	<82	<27	<27	<27	NA
	2/21/2007	14-16	2.9	--	NA	<27	<27	<27	<81	<27	<27	<27	NA
DP142	2/22/2007	6-8	1.2	--	<4.7	<31	<31	<31	<100	<31	<31	<31	ND
	2/22/2007	12-14	0	--	<4.0	<30	<30	<30	<100	<30	<30	<30	Methylene Chloride 88 S2
DP143	2/22/2007	10-12	1.2	--	<4.7	<32	<32	<32	<110	<32	<32	<32	ND
	2/22/2007	14-16	1.8	--	<4.5	<31	<31	<31	<100	<31	<31	<31	Methylene Chloride 62 S2
DP150	2/23/2007	2-4	1.2	--	4.0	<28	<28	<28	<95	<28	<28	<28	Methylene Chloride 92 S2
	2/23/2007	8-10	0	--	<4.9	<34	<34	<34	<120	<34	<34	<34	Methylene Chloride 86 S2
DP151	2/23/2007	14-16	265	(3)	**2,000**	<140	<140	<140	<490	<140	<140	<140	sec-Butylbenzene 220
	2/23/2007	18-20	255	(3)(4)	**2,700**	<260	<260	<260	<880	<260	<260	<260	sec-Butylbenzene 520
DP152	4/11/2007	0-2	12	--	<4.3	<28	<28	<28	<84	<28	<28	<28	NA
	4/11/2007	6-8	6	--	<4.6	<29	<29	<29	<88	<29	<29	<29	NA

Table A.2.4
Pre-Remedial Soil Analytical Table

Pre-Remedail Soil Analytical Data - DRO

Royster Clark Phase 2 ESA / BT^2 Project #3234
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID (IU)	Lab Notes	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Other VOCs
DP153	4/11/2007	6-8	8	--	35	<29	<29	<29	<98	<29	<29	<29	ND
	4/11/2007	12-14	14	--	<5.2	<33	<33	<33	<110	<33	<33	<33	ND
DP154	4/11/2007	0-2	3.5	--	<4.4	<29	<29	<29	<97	<29	<29	<29	ND
	4/11/2007	10-12	6	--	9.6	<31	<31	<31	<110	<31	<31	<31	Methylene Chloride 370 S2
MEOH Blank	2/21/2007	--	--	--	NA	<25	<25	<25	<75	<25	<25	<25	NA
	2/23/2007	--	--	--	NA	<25	<25	<25	<75	<25	<25	<25	NA
	4/11/2007	--	--	--	NA	<25	<25	<25	<85	<25	<25	<25	Methylene Chloride 98 S2
NR 720 Residual Contaminant Level (RCL)					100	5.5	2,900	1,500	4,100	NE	NE	NE	
NR 746 Table 1					NE	8,500	4,600	38,000	42,000	83,000	11,000	NE	
NR 746 Table 2					NE	1,100	NE	NE	NE	NE	NE	NE	

ABBREVIATIONS:
µg/kg = micrograms per kilogram or parts per billion (ppb)
DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
-- = Not Applicable
mg/kg - milligrams per kilogram or parts per million (ppm)
VOCs = Volatile Organic Compounds
ND = Not Detected
TMB = Trimethylbenzene
NA = Not Analyzed
NE = Not Established

NOTES:
Bold+underlined values exceed NR 720 RCLs.
NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.

LABORATORY NOTES/QUALIFIERS:
S2 - Compound is a common lab solvent and contaminant.
(1) 1,2-Dibromo-3-chloropropane - Calibration Verification recovery was outside the method control limits for this analyte. The LCS for this analyte met CCV acceptance criteria, and was used to validate the batch. Dichlorodifluoromethane - Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
(2) Amount of sample in the container was outside the aeeeptable range as stated in the method.
(3) Reporting limits raised due to high concentrations of hydrocarbons.
(4) Chloroethane and 1,2,4-Trichlorobenzene - The RPD exceeded the acceptance limit. Chloroethane - Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.

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I:\3234\Tables\[Soil_VOCs.xls]Soil VOCs

Table A.2.5
Pre-Remedial Soil Analytical Table

Pre-Remedail Soil Analytical Data - PCBs

Royster-Clark Phase 2 ESA / BT^2 Project #3234
(Results are in mg/kg)

Sample	Date	Depth (feet)	Lab Notes	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	PCB-1268
DP123	2/20/2007	0-1	(1)(2)	<0.293	<0.293	<0.293	<0.293	<0.293	<0.293	<0.293	<0.293
DP124	2/20/2007	0-1	(1)	<0.315	<0.315	<0.315	<0.315	<0.315	<0.315	<0.315	<0.315
USEPA [40 CFR 761.61(a)(4)(i)(A)]				1 mg/kg total PCBs							

ABBREVIATIONS:
PCB = Polychlorinated Biphenyls
mg/kg = milligrams per kilogram
CFR = Code of Federal Regulations
USEPA = United States Environmental Protection Agency

LABORATORY NOTES/QUALIFIERS:
(1) Surr: Decachlorobiphenyl (59-140%) - Due to sample matrix effects, the surrogate recovery was outside the control limits.
(2) Surr: Tetrachloro-meta-xylene (46-136%) - Due to sample matrix effects, the surrogate recovery was outside the control limits.

NOTES:
40 CFR 761(a)(4)(i)(A) - Cleanup standard for bulk PCB remediation waste in high occupancy areas.

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Checked by:	SMS	Date:	5/1/2007

I:\3234\Tables\[Soil_PCBs.xls]Soil PCBs

Table A.2.6
Pre-Remedial Soil Analytical Table

Pre-Remedail Soil Analytical Data - Fluoride

Royster-Clark, Madison, WI / BT Squared Project #3234

Sample	Date	Depth (feet)	Fluoride (mg/kg)
DP194	1/7/2011	1-2	520
		3-4	450
		7-8	370 H3
DP195	1/7/2011	1-2	48
		3-4	89
		7-8	380 H3
DP196	1/7/2011	0.5-1.5	57
		3-4	35
		7-8	470 H3
DP197	1/7/2011	2-4	*2,000*
		4-5	*1,100*
		7-8	450 H3
DP198	1/7/2011	0-2	79
		3-4	46
		7-8	78 H3
DP199	1/7/2011	1-2	*1,100*
		3-4	110
		7-8	430 H3
DP200	1/7/2011	2-3	32
		3-4	3.6
		7-8	9.0 H3
DP201	1/7/2011	0-1	<2.2
		3-4	230
		7-8	340 H3
DP202	1/7/2011	0-1	540
		3-4	81
		7-8	25 H3

Table A.2.6
Pre-Remedial Soil Analytical Table

Pre-Remedail Soil Analytical Data - Fluoride

Royster-Clark, Madison, WI / BT Squared Project #3234

Sample	Date	Depth (feet)	Fluoride (mg/kg)
DP203	1/7/2011	1-2	33
		3-4	3.2
		7-8	4.0 H3
DP204	1/7/2011	1-2	<2.1
		3-4	9.0
		7-8	5.3 H3
DP205	1/7/2011	1-2	<2.1
		3-4	<2.4
		7-8	3.4 H3
DP206	1/7/2011	1-2	10
		3-4	2.2
		7-8	2.9 H3
DP207	1/7/2011	1-2	5.5
		3-4	3.2
		7-8	3.6 H3
USEPA Non-Industrial Direct Contact SSL			3,100
USEPA Groundwater Pathway SSL			600

ABBREVIATIONS:
mg/kg = milligrams per kilogram
USEPA = United States Environmental Protection Agency
SSL = Soil Screening Level

NOTES:
SSLs are USEPA Region 3, 6, and 9 tabulated values.
Groundwater Pathway SSL based on MCL and ES of 4 mg/l.
Italic+underlined values exceed Groundwater Pathway SSL.

LABORATORY NOTES/QUALIFIERS:
H3 = Sample was received and analyzed past holding time.

Created by:	JSN	Date:	1/31/2011
Last revision by:	TLR	Date:	2/24/2011
Checked by:	SMS	Date:	2/24/2011

I:\3234\Tables\[Soil_Fluoride_only.xls]Soil Fluoride

Table A.3
Post-Remedial Soil Analytical Table

Post Remedial Analytical Data - Nitrogen

Zone 1 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
1-0	9	Yes	12/16/2011	1900	<160	**1900**
1-0.1	9	Yes	12/16/2011	392	33.1	**425.1**
1-0.10	6	No	12/20/2011	<20	<20	<40
1-0.11	6	Yes	12/22/2011	936	142	**1078**
1-0.12	4	No	12/20/2011	94.8	<20	94.8
1-0.13	6	Yes	12/22/2011	788	<80	**788**
1-0.14	4	No	12/22/2011	<20	<20	<40
1-0.15	2	No	12/22/2011	132	<20	132
1-0.16	6	Yes	12/22/2011	648	<80	**648**
1-0.2	9	Yes	12/16/2011	1030	203	**1233**
1-0.3	9	Yes	12/16/2011	1100	<160	**1100**
1-0.4	9	Yes	12/19/2011	167	<20	**167**
1-0.5	9	Yes	12/19/2011	98.3	<20	98.3
1-0.6	6	Yes	12/19/2011	382	<40	**382**
1-0.7	9	Yes	12/19/2011	1340	<160	**1340**
1-0.8	8	Yes	12/19/2011	117	<20	117
1-0.9	9	Yes	12/19/2011	63.9	<20	63.9
1-1.1	6	Yes	12/12/2011	284	<40	**284**
1-1.10	5	Yes	12/21/2011	171	95.2	**266.2**
1-1.11	5	No	12/21/2011	<20	64.7	64.7
1-1.2	6	No	12/12/2011	101	<20	101
1-1.3	4.5	No	12/9/2011	97	<20	97
1-1.4	5.5	No	12/9/2011	22.2	<20	22.2
1-1.5	7	Yes	12/20/2011	1000	<80	**1000**
1-1.7	9	Yes	12/20/2011	<20	<20	<40
1-1.8	8	Yes	12/21/2011	57	23.3	80.3
1-1.8 E	7	No	12/29/2011	<20	<20	<40
1-1.8 N	6	No	12/29/2011	84.3	<20	84.3
1-1.8 S	7	No	12/29/2011	<20	43.1	43.1
1-1.8 W	6	No	12/29/2011	<20	<20	<40
1-1.9	5	No	12/21/2011	<20	<20	<40
1-2.1	4	No	12/9/2011	<20	<20	<40
1-3.1	4	No	12/9/2011	<20	<20	<40
1-4.1	9	Yes	12/12/2011	492	<80	**492**
1-4.2	9	Yes	12/12/2011	342	<80	**342**
1-4.3	6	Yes	12/12/2011	296	<40	**296**
1-4.4	7	Yes	12/12/2011	<20	<20	<40
1-6.1	8	Yes	12/12/2011	199	<20	**199**
1W-1	9	Yes	1/6/2012	20.8	<20	20.8
1W-N	9	Yes	1/6/2012	<20	<20	<40
1W-NE	9	Yes	1/6/2012	36.9	<20	36.9

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 1 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
1W-S	6	Yes	1/6/2012	644	<80	**644**
1W-S1	6	Yes	1/6/2012	622	<40	**622**
1W-S2	6	No	1/9/2012	<20	24.4	24.4
1W-S3	6	No	1/9/2012	<20	<20	<40
1W-S4	6	No	1/9/2012	47.3	<20	47.3
1W-SE	6	Yes	1/6/2012	1810	<160	**1810**
1W-SW	6	Yes	1/6/2012	1180	<80	**1180**
1W-SW1	6	Yes	1/6/2012	165	<20	**165**
1W-SW2	6	Yes	1/9/2012	218	<20	**218**
1W-SW3	6	Yes	1/9/2012	378	<40	**378**
1W-SW4	6	No	1/9/2012	62.3	<20	62.3
1W-SW5	6	No	1/9/2012	110	21.4	131.4
1W-SW6	6	No	1/9/2012	<20	<20	<40
1W-W1	6	No	1/6/2012	<20	<20	<40
1W-W1	9	Yes	1/6/2012	<20	<20	<40
1W-W3	7	Yes	1/9/2012	124	27.6	**151.6**
1W-W4	6	Yes	1/9/2012	498	86.4	**584.4**
1W-W5	6	Yes	1/9/2012	188	26	**214**
1W-W6	6	No	1/9/2012	<20	<20	<40
A-A1	6	No	1/11/2012	<20	<20	<40
A-A10	5	Yes	1/26/2012	522	56.9	**578.9**
A-A11	6	No	1/26/2012	78.2	<20	78.2
A-A2	5	No	1/11/2012	<20	<20	<40
A-A3	7	No	2/17/2012	<20	<20	<40
A-A4	7	No	2/17/2012	<20	<20	<40
A-A5	6.5	No	2/17/2012	77.5	22.7	100.2
A-A5E	6	No	2/17/2012	20.9	36.5	57.4
A-A6	6	Yes	2/17/2012	456	135	**591**
A-A7	6	No	1/26/2012	<20	<20	<40
A-A8	6	Yes	1/26/2012	197	<20	**197**
A-A9	6	No	1/26/2012	<20	<20	<40
A-B1	5	No	1/11/2012	<20	<20	<40
A-B10	5	Yes	1/26/2012	238	36.6	**274.6**
A-B11	6	No	1/26/2012	136	<20	136
A-B3	6	No	2/17/2012	<20	<20	<40
A-B4	6	No	2/17/2012	<20	<20	<40
A-B5	8	Yes	2/17/2012	<20	<20	<40
A-B6	6	No	2/17/2012	<20	54.6	54.6
A-B7	6	No	1/26/2012	32	36.4	68.4
A-B8	6	Yes	1/26/2012	626	82.7	**708.7**
A-B9	6	Yes	1/26/2012	256	75.3	**331.3**

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 1 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
A-C1	6	No	2/21/2012	<20	<20	<40
A-C10	5	No	1/26/2012	45.5	23.5	69
A-C11	6	No	1/26/2012	<20	36.2	36.2
A-C2	6	No	2/21/2012	<20	<20	<40
A-C5	6	No	2/17/2012	<20	<20	<40
A-C6	8	Yes	2/17/2012	<20	<20	<40
A-C7	6	No	1/26/2012	<20	32.1	32.1
A-C8	6	No	1/26/2012	<20	33.2	33.2
A-C9	6	No	1/26/2012	32.4	35.1	67.5
A-D1	6	No	2/21/2012	<20	<20	<40
A-D10	6	No	1/26/2012	40.2	<20	40.2
A-D11	6	No	1/26/2012	<20	<20	<40
A-D2	6	No	2/21/2012	<20	<20	<40
A-D3	6	No	2/17/2012	<20	<20	<40
A-D4	6	No	2/17/2012	24.4	<20	24.4
A-D5	6	No	2/17/2012	<20	<20	<40
A-D6	6	No	2/17/2012	<20	<20	<40
A-D7	6	Yes	1/26/2012	728	153	**881**
A-D8	6	No	1/26/2012	48.2	39.8	88
A-D9	6	No	1/26/2012	37.5	<20	37.5
A-E1	6	No	2/21/2012	<20	<20	<40
A-E2	6	No	2/21/2012	<20	<20	<40
A-E3	8	Yes	2/20/2012	<20	<20	<40
A-E4	8	Yes	2/20/2012	<20	<20	<40
A-E5	6	No	2/17/2012	<20	<20	<40
A-E6	6	No	2/17/2012	<20	<20	<40
A-E7	8	Yes	1/31/2012	<20	<20	<40
A-E8	10	Yes	1/26/2012	42.1	28.9	71
A-F1	5	No	1/11/2012	<20	<20	<40
A-F2	6	No	2/21/2012	<20	<20	<40
A-F3	7	No	2/21/2012	<20	<20	<40
A-F4	7	No	2/21/2012	114	<20	114
A-F5	6	Yes	2/17/2012	141	25.9	**166.9**
A-F6	9	Yes	2/21/2012	21.4	<20	21.4
A-F7	9	Yes	2/21/2012	1560	92.5	**1652.5**
A-G7	6	Yes	1/26/2012	20.3	414	**434.3**
1-a	6	No	2/18/2013	<20	<20	<40
1-b	6	No	2/18/2013	<20	<20	<40
1-c	6	No	2/18/2013	112	<20	112
1-c-3	3	No	2/19/2013	<20	<20	<40
1-d	6	No	2/18/2013	<20	<20	<40

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 1 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
1-e	6	No	2/18/2013	<20	<20	<40
B-1	9	Yes	10/4/2012	<20	<20	<40
B108	6	No	11/14/2012	40.3	73.5	113.8
B-18	9	Yes	10/5/2012	<20	<20	<40
B-19	9	Yes	10/5/2012	<20	<20	<40
B-2	9	Yes	10/4/2012	10.5	<20	10.5
B-20	9	Yes	10/5/2012	52.6	<20	52.6
B-3	9	Yes	10/4/2012	<20	<20	<40
B-4	8	Yes	10/4/2012	116	24.3	140.3
B-5	9	Yes	10/4/2012	<20	<20	<40

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 2 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
2-1	4.5	No	12/15/2011	<20	<20	<40
2-2	8	No	12/16/2011	54.9	<20	54.9
2-3	8	No	12/16/2011	<20	<20	<40
2-4	4	No	12/15/2011	<20	<20	<40
2-5	6	No	12/15/2011	<20	55.7	55.7
2-6	4	No	12/15/2011	65	40.4	105.4
2-7	8	No	12/16/2011	<20	<20	<40
2-8	4	No	12/15/2011	<20	<20	<40
2-9	4	No	12/15/2011	<20	<20	<40
2-10	4	No	12/15/2011	<20	<20	<40
2-12	8	No	12/16/2011	<20	<20	<40
2-13	8	No	12/16/2011	78.5	<20	78.5
2-14	6	No	12/16/2011	<20	<20	<40
2-15	8	No	12/16/2011	29.8	<20	29.8
2-16	4	No	12/15/2011	116	23.3	139.3
2-17	4	No	12/15/2011	45.3	<20	45.3
123-D16	5	No	1/23/2012	66.6	<20	66.6
2-12.1	8	No	12/16/2011	31	43.5	74.5
2-12.2	6	No	12/16/2011	106	36.7	142.7
2-12.3	6	No	12/16/2011	<20	<20	<40
2-13.1	6	No	12/16/2011	<20	<20	<40
2-14.1	7	No	12/16/2011	<20	<20	<40
A-C15	6	No	1/25/2012	106	<20	106
A-C17	6	No	1/25/2012	<20	<20	<40
A-C18	6	No	1/25/2012	<20	<20	<40
A-D14	5	No	1/25/2012	<20	<20	<40
A-D15	7	No	1/30/2012	130	<20	130
A-D19	5	No	1/25/2012	<20	<20	<40
A-E17.1	5	No	1/31/2012	<20	<20	<40
2-a	6	No	2/18/2013	<20	<20	<40
2b-2a	8	No	2/18/2013	<20	<20	<40
2-b-4	6	No	2/19/2013	<20	<20	<40
2-c	6	No	2/18/2013	<20	<20	<40
2-d	6	No	2/18/2013	<20	<20	<40
2-e	6	No	2/18/2013	<20	<20	<40
2-f	6	No	2/18/2013	60.8	<20	60.8
2-g-3	6	No	2/18/2013	<20	<20	<40
2-g-4	3	No	2/19/2013	<20	<20	<40
2-h	6	No	2/18/2013	<20	<20	<40
B-10	9	No	10/4/2012	20.8	<20	20.8
B105	6	No	11/14/2012	<20	<20	<40

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 2 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
B107	6	No	11/14/2012	50.7	<20	50.7
B-6	9	No	10/4/2012	220	<20	220
B-7	9	No	10/4/2012	<20	22	22
B-8	6	No	10/4/2012	89.4	<20	89.4
B-9	6	No	10/4/2012	<20	<20	<40

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 3 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
3a-1	3	No	12/28/2011	<20	54.2	54.2
3a-10	1	No	12/29/2011	<20	<20	<40
3a-13	1	No	12/29/2011	23	70.9	93.9
3a-2	2	No	12/28/2011	<20	<20	<40
3a-3	3	No	12/28/2011	<20	<20	<40
3a-4	3	No	12/28/2011	<20	<20	<40
3a-5	3	No	12/28/2011	<20	<20	<40
3a-6	3	No	12/28/2011	<20	<20	<40
3a-7	3	No	12/28/2011	<20	<20	<40
3a-8	3	No	12/28/2011	<20	<20	<40
3a-9	3	No	12/28/2011	<20	<20	<40
3b E	7	No	1/6/2012	<20	<20	<40
3b Gravel	0	No	1/6/2012	<20	<20	<40
3b N	5	No	1/6/2012	58	25.1	83.1
3b S	5	No	1/6/2012	<20	<20	<40
3b W	5	No	1/6/2012	<20	39.8	39.8

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 4 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
4 N-IN	1	No	1/3/2012	84.9	43.5	128.4
4 N-OUT	1	No	1/3/2012	51.8	53	104.8
4a-1	7	No	12/16/2011	43.6	<20	43.6
4a-2	6.5	No	1/10/2012	<20	<20	<40
4a-2W1	3	No	1/10/2012	24	45.6	69.6
4a-3	6.5	No	1/10/2012	<20	<20	<40
4a-3W2	4	No	1/10/2012	<20	148	148
4a-4	7	No	1/10/2012	<20	<20	<40
4a-4W1	7	No	1/10/2012	128	<20	128
4a-4W2	4	No	1/10/2012	<20	137	137
4a-5	7	No	1/10/2012	<20	<20	<40
4a-5W4	4	No	1/11/2012	<20	143	143
4a-7W5	4	No	1/11/2012	20.8	<20	20.8
4b E	7	No	1/5/2012	63	57.7	120.7
4b E1	7	No	1/5/2012	<20	23.7	23.7
4b N3	4	No	1/6/2012	<20	<20	<40
4b N4	5	No	1/6/2012	<20	<20	<40
4b NE3	7	No	1/6/2012	<20	<20	<40
4b NE4	5	No	1/6/2012	<20	51.3	51.3
4b N-O	6	No	1/5/2012	150	<20	**150**
4b NW-O	6	No	1/5/2012	<20	<20	<40
4b S-O	6	No	1/5/2012	27.7	63	90.7
4b W-I	7	No	1/5/2012	<20	23.4	23.4
4b W-O	6	No	1/5/2012	<20	40.9	40.9
4-a	6	No	2/18/2013	<20	<20	<40
4-b	6	No	2/18/2013	<20	<20	<40
4-c	6	No	2/18/2013	<20	<20	<40
4-d	6	No	2/18/2013	<20	<20	<40
4-d-2	3	No	2/18/2013	109	<20	109
B102	6	No	11/14/2012	<20	<20	<40
B103	6	No	11/14/2012	<20	<20	<40
B104	6	No	11/14/2012	51.2	<20	51.2
B-11	9	No	10/4/2012	91.8	<20	91.8
B-12	9	No	10/4/2012	<20	<20	<40
B201	6	No	11/14/2012	<20	<20	<40

Table A.3
Post-Remedial Soil Analytical Table

Post Remedial Analytical Data - Nitrogen

Zone 5 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
5-1	5.5	No	12/13/2011	<20	<20	<40
5-2	1	No	12/12/2011	111	<20	111
5-3	1	No	12/12/2011	22.3	<20	22.3
5-4	1	No	12/12/2011	<20	<20	<40
B-16	6	No	10/5/2012	ND	ND	ND
B-17	6	No	10/5/2012	25.9	ND	25.9

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 6 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
6-2	5	No	12/13/2011	<20	<20	<40
6-3	5	No	12/13/2011	33.6	<20	33.6
6-4	5	No	12/13/2011	74.2	<20	74.2
123-A15	6	No	1/23/2012	<20	<20	<40
123-A16	6	No	1/23/2012	91.1	55.8	146.9
123-A17	6	No	1/23/2012	<20	37.1	37.1
123-B15	3	No	1/23/2012	<20	<20	<40
123-Z15	6	No	1/23/2012	24.2	<20	24.2
123-Z16	6	No	1/23/2012	<20	<20	<40
123-Z17	6	No	1/23/2012	<20	<20	<40
6-1.1	8	No	12/13/2011	<20	<20	<40
6-1.2	8	No	12/13/2011	<20	31.5	31.5

Table A.3
Post-Remedial Soil Analytical Table

Post Remedial Analytical Data - Nitrogen

Zone 7 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
7-1	4.5	No	12/13/2011	120	<20	120
7-2	4	No	12/13/2011	<20	<20	<40
7-3	5	No	12/13/2011	22.8	<20	22.8
7-4	1	No	12/13/2011	<20	47.5	47.5
7 E	6	No	1/5/2012	<20	26.3	26.3
7 NE	6	No	1/5/2012	80.1	30.5	110.6
7 NE	8	No	1/5/2012	<20	<20	<40
7 NW	8	No	1/5/2012	<20	<20	<40
7-1.1	9	No	12/13/2011	<20	<20	<40
7-1.2	9	No	12/13/2011	<20	<20	<40
B-15	9	No	10/5/2012	<20	<20	<40

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 8 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
8-1	2	No	12/13/2011	<20	<20	<40
8-2	2	No	12/13/2011	<20	<20	<40

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Pond Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
A12	6	Yes	12/19/2011	<20	<20	<40
A13	6	Yes	12/15/2011	36	<20	36
A14	6	Yes	12/20/2011	636	<40	**636**
A15	4	No	12/20/2011	<20	<20	<40
A16	6	Yes	12/20/2011	632	<80	**632**
A17	6	Yes	12/21/2011	<20	<20	<40
A18	6	Yes	1/3/2012	<20	<20	<40
A19	5	Yes	12/20/2011	<20	<20	<40
A20	6	Yes	12/21/2011	157	71.6	**228.6**
A20.1	5	No	12/21/2011	<20	<20	<40
B11	6	Yes	12/20/2011	<20	<20	<40
B12	6	Yes	12/19/2011	<20	<20	<40
B13	6	Yes	12/15/2011	592	<80	**592**
B18	6	Yes	12/15/2011	250	24.1	**274.1**
B20	6	Yes	1/3/2012	32.6	48.4	81
C10	6	Yes	1/4/2012	34.1	20.2	54.3
C11	4	Yes	12/20/2011	380	69.6	**449.6**
C12	6	Yes	12/19/2011	440	<40	**440**
C13	7	Yes	12/15/2011	776	<80	**776**
C18	6	Yes	12/15/2011	103	<20	103
C20	4	No	12/28/2011	65.8	<20	65.8
C8	6	Yes	1/4/2012	<20	<20	<40
C9	7	Yes	1/4/2012	<20	<20	<40
D10	6.5	Yes	1/4/2012	22.6	<20	22.6
D11	5	Yes	12/20/2011	1550	<320	**1550**
D12	6.5	Yes	12/19/2011	888	<160	**888**
D13	5	Yes	12/12/2011	732	<80	**732**
D16	5	Yes	12/20/2011	1340	<160	**1340**
D18	5	Yes	12/15/2011	303	<20	**303**
D19	4	No	12/28/2011	68.5	<20	68.5
D8	6	Yes	1/4/2012	<20	<20	<40
D9	7	Yes	1/4/2012	81.8	37.4	119.2
E10	6	Yes	1/4/2012	32.6	<20	32.6
E11	8	Yes	1/4/2012	69.2	<20	69.2
E12	6	Yes	12/19/2011	400	42.5	**442.5**
E13	6	Yes	12/15/2011	1140	<200	**1140**
E14	7.5	Yes	12/13/2011	616	<80	**616**
E15	6.5	Yes	12/13/2011	266	22.4	**288.4**
E16	6	Yes	12/13/2011	69.8	<20	69.8
E17	5	Yes	12/13/2011	824	<160	**824**
E18	4	Yes	12/21/2011	149	32.7	**181.7**

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Pond Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
E19	4	Yes	12/28/2011	28.8	<20	28.8
E8	6	Yes	1/4/2012	<20	<20	<40
E9	7	Yes	1/4/2012	<20	<20	<40
F17	5	Yes	12/13/2011	86.3	<20	86.3
F18	4	Yes	12/19/2011	1020	<80	**1020**
G10	6	Yes	12/20/2011	<20	<20	<40
G12	6	Yes	12/15/2011	<20	<20	<40
G14	6	Yes	12/15/2011	194	<20	**194**
G16	6	Yes	12/15/2011	63.7	<20	63.7
G18	5.5	Yes	12/13/2011	139	71.2	**210.2**
G4	5	No	12/9/2011	<20	<20	<40
G5	5	No	12/9/2011	<20	<20	<40
G6	2	No	12/12/2011	<20	<20	<40
G7	5	No	12/30/2011	69.8	25.2	95
G8	6	Yes	12/20/2011	<20	<20	<40
G9	6	Yes	12/20/2011	<20	<20	<40
H10	7	Yes	12/30/2011	94.6	26.4	121
H11	6	Yes	12/27/2011	716	<40	**716**
H12	6	Yes	12/27/2011	928	<80	**928**
H13	6.5	Yes	12/28/2011	936	<80	**936**
H17	5	Yes	12/13/2011	165	26.1	**191.1**
H2	6	Yes	12/9/2011	<20	<20	<40
H3	8	Yes	12/9/2011	<20	<20	<40
H4	6.5	Yes	12/12/2011	37	<20	37
H5	6	Yes	12/12/2011	22	<20	22
H6	8	Yes	12/12/2011	51	<20	51
H7	7.5	Yes	12/12/2011	744	<80	**744**
H8	7	Yes	12/30/2011	87.2	<20	87.2
H9	7	Yes	12/30/2011	37.8	<20	37.8
I1	2	No	12/9/2011	36.1	<20	36.1
I10	5	No	12/27/2011	<20	<20	<40
I11	6.5	Yes	12/28/2011	214	<20	**214**
I12	6.5	Yes	12/28/2011	534	<40	**534**
I13	6	Yes	12/28/2011	690	<40	**690**
I14	6	Yes	12/29/2011	148	<20	148
I15	5	Yes	12/27/2011	111	32.6	143.6
I16	4	No	12/22/2011	<20	<20	<40
I17	3	No	12/27/2011	28.7	<20	28.7
I2	6	Yes	12/9/2011	<20	<20	<40
I3	6	Yes	12/9/2011	<20	<20	<40
I4	4.5	No	12/9/2011	29.1	<20	29.1

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Pond Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
I5	5	No	12/9/2011	20.4	34.5	54.9
I6	5	No	12/12/2011	29.2	<20	29.2
I7	6	Yes	12/30/2011	<20	<20	<40
I8	5	No	12/30/2011	138	<20	138
I9	5	No	12/30/2011	33.1	<20	33.1
J10	5	No	12/27/2011	<20	<20	<40
J11	6	Yes	12/28/2011	178	<20	**178**
J12	9	Yes	12/30/2011	125	<20	125
J13	6	Yes	12/29/2011	138	<20	138
J14	9	Yes	12/30/2011	91.5	<20	91.5
J2	4	No	12/9/2011	<20	20.8	20.8
J3	4	No	12/9/2011	73.5	<20	73.5
J4	4.5	No	12/9/2011	21	<20	21
J5	5	No	12/9/2011	<20	<20	<40
J6	5	No	12/12/2011	<20	<20	<40
J7	6	No	12/30/2011	23.1	<20	23.1
J8	4	No	12/22/2011	25.2	<20	25.2
J8	6	No	12/30/2011	25.2	<20	25.2
J9	4	No	12/22/2011	<20	<20	<40
K10	4	No	12/22/2011	139	<20	139
K12	4	No	12/22/2011	<20	<20	<40
K13	4	No	12/22/2011	<20	<20	<40
K2	4	No	12/9/2011	<20	<20	<40
K3	2.5	No	12/9/2011	56.5	41.8	98.3
K4	4	No	12/9/2011	<20	<20	<40
K5	5	No	12/9/2011	<20	<20	<40
K6	4	No	12/12/2011	<20	<20	<40
K7	4	No	12/22/2011	<20	<20	<40
K8	4	No	12/22/2011	<20	<20	<40
K9	4	No	12/22/2011	<20	<20	<40
L10	3	No	12/22/2011	<20	<20	<40
L4	4	No	12/9/2011	<20	<20	<40
L5	5.5	No	12/9/2011	<20	<20	<40
L6	4	No	12/12/2011	27.4	<20	27.4
L7	2.5	No	12/12/2011	<20	<20	<40
L8	4	No	12/22/2011	<20	<20	<40
L9	1	No	12/22/2011	<20	<20	<40
B-13	6	No	10/5/2012	16.4	<20	16.4
B-14	6	No	10/5/2012	32.1	<20	32.1

Bold results exceed the approved cleanup criteria of 150 mg/kg of total nitrogen

Table A.3
Post-Remedial Soil Analytical Table
Soil Analytical Results Summary - Fluoride
Royster-Clark, Madison, WI / BT Squared Project #3234

Sample	Date	Depth (feet)	Fluoride (mg/kg)
DP194	1/7/2011		
		7-8	370 H3
DP195	1/7/2011		
		7-8	380 H3
DP196	1/7/2011		
		7-8	470 H3
DP197	1/7/2011		
		7-8	450 H3
DP198	1/7/2011	0-2	79
		3-4	46
		7-8	78 H3
DP199	1/7/2011	1-2	*1,100*
		3-4	110
		7-8	430 H3
DP200	1/7/2011	2-3	32
		3-4	3.6
		7-8	9.0 H3
DP201	1/7/2011	0-1	<2.2
		3-4	230
		7-8	340 H3
DP202	1/7/2011		
		7-8	25 H3

Table A.3
Post-Remedial Soil Analytical Table
Post Remedial Analytical Data - Fluoride

Royster-Clark, Madison, WI / BT Squared Project #3234

Sample	Date	Depth (feet)	Fluoride (mg/kg)
DP203	1/7/2011		
		7-8	4.0 H3
DP204	1/7/2011		
		7-8	5.3 H3
DP205	1/7/2011		
		7-8	3.4 H3
DP206	1/7/2011	1-2	10
		3-4	2.2
		7-8	2.9 H3
DP207	1/7/2011	1-2	5.5
		3-4	3.2
		7-8	3.6 H3
NR 720 Residential Direct Contact RCL			3,100
NR 720 Groundwater Pathway RCL			1,200

ABBREVIATIONS:
mg/kg = milligrams per kilogram

LABORATORY NOTES/QUALIFIERS:
H3 = Sample was received and analyzed past holding time.

Created by:	JSN	Date:	1/31/2011
Last revision by:	TLR	Date:	2/24/2011
Checked by:	SMS	Date:	2/24/2011

Modified from BT Squared fluoride investigation report by CB&I

Table A.3
Post-Remedial Soil Analytical Table

Post-Remedial Soil Analytical Table - Lead

Sample ID	Depth (ft)	Encountered Groundwater?	Date	Concentration (mg/kg)
Lead NE2	8	No	1/16/2012	1.1
Lead NW	4	No	1/9/2012	14.6
Lead SE2	8	No	1/16/2012	0.91
Lead SW2	8	No	1/16/2012	1.4

Bold results exceed the approved cleanup criteria of 250 mg/kg of Lead
Underline results exceed the NR 720 residential direct contact standard of 400 mg/kg for Lead
Blue/italic results exceed the NR 720 groundwater pathway standard of 27 mg/kg for Lead

Table A.3
Post-Remedial Soil Analytical Table

Post-Remedial Soil Analytical Table - Pesticide

Sample ID	Depth (ft)	Encountered Groundwater?	Date	Pesticide	Concentration (ug/kg)
Pesticide N	2	No	1/9/2012	N/A	ND
Pesticide E	2	No	1/9/2012	N/A	ND
Pesticide S	2	No	1/9/2012	N/A	ND
Pesticide W	2	No	1/9/2012	Prometon	65
Pesticide SW	6	No	1/10/2012	Atrazine	*370*
Pesticide SW	6	No	1/10/2012	Prometon	84
Pesticide SW	6	No	1/10/2012	Trifluralin	*510*
Pesticide NE	8	No	1/13/2012	N/A	ND

Bold results exceed the approved cleanup criteria of 1 mg/kg of Pesticide
Underline results exceed the NR 720 residential direct contact standard
Blue/italic results exceed the NR 720 groundwater pathway standard

Table A.3
Post-Remedial Soil Analytical Table
Post-Remedial Analytical Data - LUST Site
Soil Analytical Results Summary - PVOCs
Royster Clark Madison / BT Squared Project #3234
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID (IU)	Lab Notes	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Other VOCs
DP137	2/21/2007	6-8	0	--	NA	<26	<26	<26	<77	<26	<26	<26	NA
	2/21/2007	14-15	0	(1)	NA	<38	<38	<38	<110	<38	<38	<38	NA
DP138	2/21/2007	10-12	0	--	NA	<27	<27	<27	<81	<27	<27	<27	NA
	2/21/2007	14-16	1.6	--	NA	<28	<28	<28	<83	<28	<28	<28	NA
DP139	2/21/2007	4-6	0	--	NA	<28	<28	<28	<84	<28	<28	<28	NA
	2/21/2007	12-14	1.8	--	NA	<27	<27	<27	<82	<27	<27	<27	NA
DP140	2/21/2007	8-10	1.8	--	NA	<26	<26	<26	<79	29	<26	<26	NA
	2/21/2007	12-14	2.4	--	NA	<28	<28	<28	<83	<28	<28	<28	NA
DP141	2/21/2007	12-14	1.8	--	NA	<27	<27	<27	<82	<27	<27	<27	NA
	2/21/2007	14-16	2.9	--	NA	<27	<27	<27	<81	<27	<27	<27	NA
DP187 S5	11/28/2007	8-10	0	--	NA	<28	<28	<28	<84	<28	<28	<28	Naphthalene <56
DP188 S4	11/28/2007	6-8	0	--	NA	<28	<28	<28	<83	<28	<28	<28	Naphthalene <55
DP189 S2	11/28/2007	2-4	0	--	NA	<26	<26	<26	<78	<26	<26	<26	Naphthalene <52
DP190 S3	11/28/2007	4-6	0	--	NA	<26	<26	<26	<79	<26	<26	<26	Naphthalene <53
DP191 S5	11/28/2007	8-10	0	--	NA	<26	<26	<26	<77	<26	<26	<26	Naphthalene <51
DP192 S3	11/28/2007	4-6	4.9	--	NA	<28	<28	<28	<84	<28	<28	<28	Naphthalene <56
DP193 S4	11/28/2007	6-8	1.6	--	NA	<28	<28	<28	<85	<28	<28	<28	Naphthalene <56
MEOH Blank	2/21/2007	--	--	--	NA	<25	<25	<25	<75	<25	<25	<25	NA
	11/28/2007	--	--	--	NA	<25	<25	<25	<75	<25	<25	<25	Naphthalene <50
NR 720 Residual Contaminant Level (RCL)					100	5.5	2,900	1,500	4,100	NE	NE	NE	
NR 746 Table 1					NE	8,500	4,600	38,000	42,000	83,000	11,000	NE	
NR 746 Table 2					NE	1,100	NE	NE	NE	NE	NE	NE	

Current Non-Industrial Direct Contact Standards for Trimethylbenzene (TMB) †
1,2,4-Trimethylbenzene = 89,800 µg/kg
1,3,5-Trimethylbenzene = 182,000 µg/kg
Current Groundwater Pathway Standard for TMB
Trimethylbenzenes (Combined) = 1,379 µg/kg

* Soil Standards based on WDNR Guidance Document "Soil Residual Contaminant Level Determinations Using The U.S. EPA Regional Screening Level Web Calculator", Publication PUB-RR-890 March 2013.
† Direct contact standards applied to soil located within 0 to 4 feet of the ground surface

Table A.3
Post-Remedial Soil Analytical Table
Post-Remedial Analytical Data - LUST Site

Table C-1

Soil Analytical Results Summary - PVOCs

Royster Clark Madison / BT Squared Project #3234

ABBREVIATIONS:

µg/kg = micrograms per kilogram or parts per billion (ppb)
mg/kg - milligrams per kilogram or parts per million (ppm)
TMB = Trimethylbenzene
DRO = Diesel Range Organics
VOCs = Volatile Organic Compounds
NA = Not Analyzed
MTBE = Methyl-tert-butyl ether
ND = Not Detected
NE = Not Established
-- = Not Applicable

NOTES:

Bold+underlined values exceed NR 720 RCLs.
NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.

LABORATORY NOTES/QUALIFIERS:

(1) Amount of sample in the container was outside the acceptable range as stated in the method.

Created by:	TLR	Date:	3/21/2007
Last revision by:	TLR	Date:	12/17/2007
Checked by:	SMS	Date:	12/17/2007

Table A.3
Post-Remedial Soil Analytical Table
Post-Remedial Analytical Data - LUST Site
Soil Analytical Results Summary - PAHs
Royster Clark Madison / BT Squared Project #3234
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(a) anthracene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(a) pyrene	Benzo(ghi) perylene	Chrysene	Dibenzo(a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
DP137	2/21/2007	6-8	--	<51	<88	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<7.7	<10	<10	<5.1	<31	<26	<31	<5.1	<5.1
	2/21/2007	14-15	--	88	<110	79	210	210	99	180	170	190	27	530	32	150	45	210	<40	370	710
DP138	2/21/2007	10-12	--	<54	<92	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<8.1	<11	<11	<5.4	<33	<27	<33	<5.4	<5.4
	2/21/2007	14-16	--	<55	<94	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<8.3	<11	<11	<5.5	<33	<28	<33	<5.5	<5.5
DP139	2/21/2007	4-6	--	<56	<95	<5.6	6.6	<5.6	<5.6	5.9	5.8	5.9	<8.4	15	<11	<5.6	<33	<28	<33	7.2	9.2
	2/21/2007	12-14	--	<55	<93	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<8.2	<11	<11	<5.5	<33	<27	<33	<5.5	<5.5
DP140	2/21/2007	8-10	--	<52	<89	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<7.9	<10	<10	<5.2	<31	<26	<31	<5.2	<5.2
	2/21/2007	12-14	--	<55	<94	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<8.3	<11	<11	<5.5	<33	<28	<33	<5.5	<5.5
DP141	2/21/2007	12-14	--	<54	<93	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<8.2	<11	<11	<5.4	<33	<27	<33	<5.4	<5.4
	2/21/2007	14-16	--	<54	<92	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<8.1	<11	<11	<5.4	<32	<27	<32	<5.4	<5.4
WDNR PAH Soil Generic Residual Contaminant Levels (RCLs) (Interim Guidance - April 1997)																					
Groundwater Pathway				38,000	700	3,000,000	17,000	360,000	870,000	48,000	6,800,000	37,000	38,000	500,000	100,000	680,000	23,000	20,000	400	1,800	8,700,000
Non-Industrial Direct Contact				900,000	18,000	5,000,000	88	88	880	8.8	1,800	8,800	8.8	600,000	600,000	88	1,100,000	600,000	20,000	18,000	500,000
Industrial Direct Contact				60,000,000	360,000	300,000,000	3,900	3,900	39,000	390	39,000	390,000	390	40,000,000	40,000,000	3,900	70,000,000	40,000,000	110,000	390,000	30,000,000
Current Groundwater Pathway Standard				#N/A	#N/A	196,744	#N/A	480	#N/A	470	#N/A	145	#N/A	88,818	14,815	#N/A	#N/A	#N/A	659	#N/A	54,472
Current Non-Industrial Direct Contact †				3,440,000	#N/A	17,200,000	148	148	1,480	15	#N/A	14,800	15	2,290,000	2,290,000	148	15,600	229,000	5,150	#N/A	1,720,000

µg/kg = micrograms per kilogram or parts per billion (ppb)
-- = Not Applicable
PAHs = Polynuclear Aromatic Hydrocarbons
WDNR = Wisconsin Department of Natural Resources

Created by: TLR Date: 3/21/2007
Last revision by: TLR Date: 3/21/2007
Checked by: SMS Date: 3/23/2007

I:\3234\Reports\PECFA Closure\Tables\[Soil_PAHs.xls]Soil PAHs

Current Soil Standards based on WDNR Guidance Document "Soil Residual Contaminant Level Determinations Using The U.S. EPA Regional Screening Level Web Calculator", Publication PUB-RR-890.
† Direct contact standards applied to soil located within 0 to 4 feet of the ground surface

Indicates result exceeds the groundwater pathway standard

Table A.4
Pre and Post Remaining Soil Contamination Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 1 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
1-0	9	Yes	12/16/2011	1900	<160	**1900**
1-0.1	9	Yes	12/16/2011	392	33.1	**425.1**
1-0.10	6	No	12/20/2011	<20	<20	<40
1-0.11	6	Yes	12/22/2011	936	142	**1078**
1-0.12	4	No	12/20/2011	94.8	<20	94.8
1-0.13	6	Yes	12/22/2011	788	<80	**788**
1-0.14	4	No	12/22/2011	<20	<20	<40
1-0.15	2	No	12/22/2011	132	<20	132
1-0.16	6	Yes	12/22/2011	648	<80	**648**
1-0.2	9	Yes	12/16/2011	1030	203	**1233**
1-0.3	9	Yes	12/16/2011	1100	<160	**1100**
1-0.4	9	Yes	12/19/2011	167	<20	**167**
1-0.5	9	Yes	12/19/2011	98.3	<20	98.3
1-0.6	6	Yes	12/19/2011	382	<40	**382**
1-0.7	9	Yes	12/19/2011	1340	<160	**1340**
1-0.8	8	Yes	12/19/2011	117	<20	117
1-0.9	9	Yes	12/19/2011	63.9	<20	63.9
1-1.1	6	Yes	12/12/2011	284	<40	**284**
1-1.10	5	Yes	12/21/2011	171	95.2	**266.2**
1-1.11	5	No	12/21/2011	<20	64.7	64.7
1-1.2	6	No	12/12/2011	101	<20	101
1-1.3	4.5	No	12/9/2011	97	<20	97
1-1.4	5.5	No	12/9/2011	22.2	<20	22.2
1-1.5	7	Yes	12/20/2011	1000	<80	**1000**
1-1.7	9	Yes	12/20/2011	<20	<20	<40
1-1.8	8	Yes	12/21/2011	57	23.3	80.3
1-1.8 E	7	No	12/29/2011	<20	<20	<40
1-1.8 N	6	No	12/29/2011	84.3	<20	84.3
1-1.8 S	7	No	12/29/2011	<20	43.1	43.1
1-1.8 W	6	No	12/29/2011	<20	<20	<40
1-1.9	5	No	12/21/2011	<20	<20	<40
1-2.1	4	No	12/9/2011	<20	<20	<40
1-3.1	4	No	12/9/2011	<20	<20	<40
1-4.1	9	Yes	12/12/2011	492	<80	**492**
1-4.2	9	Yes	12/12/2011	342	<80	**342**
1-4.3	6	Yes	12/12/2011	296	<40	**296**
1-4.4	7	Yes	12/12/2011	<20	<20	<40
1-6.1	8	Yes	12/12/2011	199	<20	**199**
1W-1	9	Yes	1/6/2012	20.8	<20	20.8
1W-N	9	Yes	1/6/2012	<20	<20	<40
1W-NE	9	Yes	1/6/2012	36.9	<20	36.9

Table A.4
Pre and Post Remaining Soil Contamination Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 1 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
1W-S	6	Yes	1/6/2012	644	<80	**644**
1W-S1	6	Yes	1/6/2012	622	<40	**622**
1W-S2	6	No	1/9/2012	<20	24.4	24.4
1W-S3	6	No	1/9/2012	<20	<20	<40
1W-S4	6	No	1/9/2012	47.3	<20	47.3
1W-SE	6	Yes	1/6/2012	1810	<160	**1810**
1W-SW	6	Yes	1/6/2012	1180	<80	**1180**
1W-SW1	6	Yes	1/6/2012	165	<20	**165**
1W-SW2	6	Yes	1/9/2012	218	<20	**218**
1W-SW3	6	Yes	1/9/2012	378	<40	**378**
1W-SW4	6	No	1/9/2012	62.3	<20	62.3
1W-SW5	6	No	1/9/2012	110	21.4	131.4
1W-SW6	6	No	1/9/2012	<20	<20	<40
1W-W1	6	No	1/6/2012	<20	<20	<40
1W-W1	9	Yes	1/6/2012	<20	<20	<40
1W-W3	7	Yes	1/9/2012	124	27.6	**151.6**
1W-W4	6	Yes	1/9/2012	498	86.4	**584.4**
1W-W5	6	Yes	1/9/2012	188	26	**214**
1W-W6	6	No	1/9/2012	<20	<20	<40
A-A1	6	No	1/11/2012	<20	<20	<40
A-A10	5	Yes	1/26/2012	522	56.9	**578.9**
A-A11	6	No	1/26/2012	78.2	<20	78.2
A-A2	5	No	1/11/2012	<20	<20	<40
A-A3	7	No	2/17/2012	<20	<20	<40
A-A4	7	No	2/17/2012	<20	<20	<40
A-A5	6.5	No	2/17/2012	77.5	22.7	100.2
A-A5E	6	No	2/17/2012	20.9	36.5	57.4
A-A6	6	Yes	2/17/2012	456	135	**591**
A-A7	6	No	1/26/2012	<20	<20	<40
A-A8	6	Yes	1/26/2012	197	<20	**197**
A-A9	6	No	1/26/2012	<20	<20	<40
A-B1	5	No	1/11/2012	<20	<20	<40
A-B10	5	Yes	1/26/2012	238	36.6	**274.6**
A-B11	6	No	1/26/2012	136	<20	136
A-B3	6	No	2/17/2012	<20	<20	<40
A-B4	6	No	2/17/2012	<20	<20	<40
A-B5	8	Yes	2/17/2012	<20	<20	<40
A-B6	6	No	2/17/2012	<20	54.6	54.6
A-B7	6	No	1/26/2012	32	36.4	68.4
A-B8	6	Yes	1/26/2012	626	82.7	**708.7**
A-B9	6	Yes	1/26/2012	256	75.3	**331.3**

Table A.4
Pre and Post Remaining Soil Contamination Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 1 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
A-C1	6	No	2/21/2012	<20	<20	<40
A-C10	5	No	1/26/2012	45.5	23.5	69
A-C11	6	No	1/26/2012	<20	36.2	36.2
A-C2	6	No	2/21/2012	<20	<20	<40
A-C5	6	No	2/17/2012	<20	<20	<40
A-C6	8	Yes	2/17/2012	<20	<20	<40
A-C7	6	No	1/26/2012	<20	32.1	32.1
A-C8	6	No	1/26/2012	<20	33.2	33.2
A-C9	6	No	1/26/2012	32.4	35.1	67.5
A-D1	6	No	2/21/2012	<20	<20	<40
A-D10	6	No	1/26/2012	40.2	<20	40.2
A-D11	6	No	1/26/2012	<20	<20	<40
A-D2	6	No	2/21/2012	<20	<20	<40
A-D3	6	No	2/17/2012	<20	<20	<40
A-D4	6	No	2/17/2012	24.4	<20	24.4
A-D5	6	No	2/17/2012	<20	<20	<40
A-D6	6	No	2/17/2012	<20	<20	<40
A-D7	6	Yes	1/26/2012	728	153	**881**
A-D8	6	No	1/26/2012	48.2	39.8	88
A-D9	6	No	1/26/2012	37.5	<20	37.5
A-E1	6	No	2/21/2012	<20	<20	<40
A-E2	6	No	2/21/2012	<20	<20	<40
A-E3	8	Yes	2/20/2012	<20	<20	<40
A-E4	8	Yes	2/20/2012	<20	<20	<40
A-E5	6	No	2/17/2012	<20	<20	<40
A-E6	6	No	2/17/2012	<20	<20	<40
A-E7	8	Yes	1/31/2012	<20	<20	<40
A-E8	10	Yes	1/26/2012	42.1	28.9	71
A-F1	5	No	1/11/2012	<20	<20	<40
A-F2	6	No	2/21/2012	<20	<20	<40
A-F3	7	No	2/21/2012	<20	<20	<40
A-F4	7	No	2/21/2012	114	<20	114
A-F5	6	Yes	2/17/2012	141	25.9	**166.9**
A-F6	9	Yes	2/21/2012	21.4	<20	21.4
A-F7	9	Yes	2/21/2012	1560	92.5	**1652.5**
A-G7	6	Yes	1/26/2012	20.3	414	**434.3**
1-a	6	No	2/18/2013	<20	<20	<40
1-b	6	No	2/18/2013	<20	<20	<40
1-c	6	No	2/18/2013	112	<20	112
1-c-3	3	No	2/19/2013	<20	<20	<40
1-d	6	No	2/18/2013	<20	<20	<40

Table A.4
Pre and Post Remaining Soil Contamination Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 2 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
B107	6	No	11/14/2012	50.7	<20	50.7
B-6	9	No	10/4/2012	220	<20	220
B-7	9	No	10/4/2012	<20	22	22
B-8	6	No	10/4/2012	89.4	<20	89.4
B-9	6	No	10/4/2012	<20	<20	<40

Table A.4
Pre and Post Remaining Soil Contamination Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Zone 4 Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
4 N-IN	1	No	1/3/2012	84.9	43.5	128.4
4 N-OUT	1	No	1/3/2012	51.8	53	104.8
4a-1	7	No	12/16/2011	43.6	<20	43.6
4a-2	6.5	No	1/10/2012	<20	<20	<40
4a-2W1	3	No	1/10/2012	24	45.6	69.6
4a-3	6.5	No	1/10/2012	<20	<20	<40
4a-3W2	4	No	1/10/2012	<20	148	148
4a-4	7	No	1/10/2012	<20	<20	<40
4a-4W1	7	No	1/10/2012	128	<20	128
4a-4W2	4	No	1/10/2012	<20	137	137
4a-5	7	No	1/10/2012	<20	<20	<40
4a-5W4	4	No	1/11/2012	<20	143	143
4a-7W5	4	No	1/11/2012	20.8	<20	20.8
4b E	7	No	1/5/2012	63	57.7	120.7
4b E1	7	No	1/5/2012	<20	23.7	23.7
4b N3	4	No	1/6/2012	<20	<20	<40
4b N4	5	No	1/6/2012	<20	<20	<40
4b NE3	7	No	1/6/2012	<20	<20	<40
4b NE4	5	No	1/6/2012	<20	51.3	51.3
4b N-O	6	No	1/5/2012	150	<20	**150**
4b NW-O	6	No	1/5/2012	<20	<20	<40
4b S-O	6	No	1/5/2012	27.7	63	90.7
4b W-I	7	No	1/5/2012	<20	23.4	23.4
4b W-O	6	No	1/5/2012	<20	40.9	40.9
4-a	6	No	2/18/2013	<20	<20	<40
4-b	6	No	2/18/2013	<20	<20	<40
4-c	6	No	2/18/2013	<20	<20	<40
4-d	6	No	2/18/2013	<20	<20	<40
4-d-2	3	No	2/18/2013	109	<20	109
B102	6	No	11/14/2012	<20	<20	<40
B103	6	No	11/14/2012	<20	<20	<40
B104	6	No	11/14/2012	51.2	<20	51.2
B-11	9	No	10/4/2012	91.8	<20	91.8
B-12	9	No	10/4/2012	<20	<20	<40
B201	6	No	11/14/2012	<20	<20	<40

Table A.4
Pre and Post Remaining Soil Contamination Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Pond Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
A12	6	Yes	12/19/2011	<20	<20	<40
A13	6	Yes	12/15/2011	36	<20	36
A14	6	Yes	12/20/2011	636	<40	**636**
A15	4	No	12/20/2011	<20	<20	<40
A16	6	Yes	12/20/2011	632	<80	**632**
A17	6	Yes	12/21/2011	<20	<20	<40
A18	6	Yes	1/3/2012	<20	<20	<40
A19	5	Yes	12/20/2011	<20	<20	<40
A20	6	Yes	12/21/2011	157	71.6	**228.6**
A20.1	5	No	12/21/2011	<20	<20	<40
B11	6	Yes	12/20/2011	<20	<20	<40
B12	6	Yes	12/19/2011	<20	<20	<40
B13	6	Yes	12/15/2011	592	<80	**592**
B18	6	Yes	12/15/2011	250	24.1	**274.1**
B20	6	Yes	1/3/2012	32.6	48.4	81
C10	6	Yes	1/4/2012	34.1	20.2	54.3
C11	4	Yes	12/20/2011	380	69.6	**449.6**
C12	6	Yes	12/19/2011	440	<40	**440**
C13	7	Yes	12/15/2011	776	<80	**776**
C18	6	Yes	12/15/2011	103	<20	103
C20	4	No	12/28/2011	65.8	<20	65.8
C8	6	Yes	1/4/2012	<20	<20	<40
C9	7	Yes	1/4/2012	<20	<20	<40
D10	6.5	Yes	1/4/2012	22.6	<20	22.6
D11	5	Yes	12/20/2011	1550	<320	**1550**
D12	6.5	Yes	12/19/2011	888	<160	**888**
D13	5	Yes	12/12/2011	732	<80	**732**
D16	5	Yes	12/20/2011	1340	<160	**1340**
D18	5	Yes	12/15/2011	303	<20	**303**
D19	4	No	12/28/2011	68.5	<20	68.5
D8	6	Yes	1/4/2012	<20	<20	<40
D9	7	Yes	1/4/2012	81.8	37.4	119.2
E10	6	Yes	1/4/2012	32.6	<20	32.6
E11	8	Yes	1/4/2012	69.2	<20	69.2
E12	6	Yes	12/19/2011	400	42.5	**442.5**
E13	6	Yes	12/15/2011	1140	<200	**1140**
E14	7.5	Yes	12/13/2011	616	<80	**616**
E15	6.5	Yes	12/13/2011	266	22.4	**288.4**
E16	6	Yes	12/13/2011	69.8	<20	69.8
E17	5	Yes	12/13/2011	824	<160	**824**
E18	4	Yes	12/21/2011	149	32.7	**181.7**

Table A.4
Pre and Post Remaining Soil Contamination Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Pond Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
E19	4	Yes	12/28/2011	28.8	<20	28.8
E8	6	Yes	1/4/2012	<20	<20	<40
E9	7	Yes	1/4/2012	<20	<20	<40
F17	5	Yes	12/13/2011	86.3	<20	86.3
F18	4	Yes	12/19/2011	1020	<80	**1020**
G10	6	Yes	12/20/2011	<20	<20	<40
G12	6	Yes	12/15/2011	<20	<20	<40
G14	6	Yes	12/15/2011	194	<20	**194**
G16	6	Yes	12/15/2011	63.7	<20	63.7
G18	5.5	Yes	12/13/2011	139	71.2	**210.2**
G4	5	No	12/9/2011	<20	<20	<40
G5	5	No	12/9/2011	<20	<20	<40
G6	2	No	12/12/2011	<20	<20	<40
G7	5	No	12/30/2011	69.8	25.2	95
G8	6	Yes	12/20/2011	<20	<20	<40
G9	6	Yes	12/20/2011	<20	<20	<40
H10	7	Yes	12/30/2011	94.6	26.4	121
H11	6	Yes	12/27/2011	716	<40	**716**
H12	6	Yes	12/27/2011	928	<80	**928**
H13	6.5	Yes	12/28/2011	936	<80	**936**
H17	5	Yes	12/13/2011	165	26.1	**191.1**
H2	6	Yes	12/9/2011	<20	<20	<40
H3	8	Yes	12/9/2011	<20	<20	<40
H4	6.5	Yes	12/12/2011	37	<20	37
H5	6	Yes	12/12/2011	22	<20	22
H6	8	Yes	12/12/2011	51	<20	51
H7	7.5	Yes	12/12/2011	744	<80	**744**
H8	7	Yes	12/30/2011	87.2	<20	87.2
H9	7	Yes	12/30/2011	37.8	<20	37.8
I1	2	No	12/9/2011	36.1	<20	36.1
I10	5	No	12/27/2011	<20	<20	<40
I11	6.5	Yes	12/28/2011	214	<20	**214**
I12	6.5	Yes	12/28/2011	534	<40	**534**
I13	6	Yes	12/28/2011	690	<40	**690**
I14	6	Yes	12/29/2011	148	<20	148
I15	5	Yes	12/27/2011	111	32.6	143.6
I16	4	No	12/22/2011	<20	<20	<40
I17	3	No	12/27/2011	28.7	<20	28.7
I2	6	Yes	12/9/2011	<20	<20	<40
I3	6	Yes	12/9/2011	<20	<20	<40
I4	4.5	No	12/9/2011	29.1	<20	29.1

Table A.4
Pre and Post Remaining Soil Contamination Soil Analytical Table
Post Remedial Analytical Data - Nitrogen

Pond Post-Remedial Soil Analytical Table

Sample ID	Depth (ft)	Encountered Groundwater?	Date	NH3-N (mg/kg)	NO3+NO2-N (mg/kg)	Total N (mg/kg)
I5	5	No	12/9/2011	20.4	34.5	54.9
I6	5	No	12/12/2011	29.2	<20	29.2
I7	6	Yes	12/30/2011	<20	<20	<40
I8	5	No	12/30/2011	138	<20	138
I9	5	No	12/30/2011	33.1	<20	33.1
J10	5	No	12/27/2011	<20	<20	<40
J11	6	Yes	12/28/2011	178	<20	**178**
J12	9	Yes	12/30/2011	125	<20	125
J13	6	Yes	12/29/2011	138	<20	138
J14	9	Yes	12/30/2011	91.5	<20	91.5
J2	4	No	12/9/2011	<20	20.8	20.8
J3	4	No	12/9/2011	73.5	<20	73.5
J4	4.5	No	12/9/2011	21	<20	21
J5	5	No	12/9/2011	<20	<20	<40
J6	5	No	12/12/2011	<20	<20	<40
J7	6	No	12/30/2011	23.1	<20	23.1
J8	4	No	12/22/2011	25.2	<20	25.2
J8	6	No	12/30/2011	25.2	<20	25.2
J9	4	No	12/22/2011	<20	<20	<40
K10	4	No	12/22/2011	139	<20	139
K12	4	No	12/22/2011	<20	<20	<40
K13	4	No	12/22/2011	<20	<20	<40
K2	4	No	12/9/2011	<20	<20	<40
K3	2.5	No	12/9/2011	56.5	41.8	98.3
K4	4	No	12/9/2011	<20	<20	<40
K5	5	No	12/9/2011	<20	<20	<40
K6	4	No	12/12/2011	<20	<20	<40
K7	4	No	12/22/2011	<20	<20	<40
K8	4	No	12/22/2011	<20	<20	<40
K9	4	No	12/22/2011	<20	<20	<40
L10	3	No	12/22/2011	<20	<20	<40
L4	4	No	12/9/2011	<20	<20	<40
L5	5.5	No	12/9/2011	<20	<20	<40
L6	4	No	12/12/2011	27.4	<20	27.4
L7	2.5	No	12/12/2011	<20	<20	<40
L8	4	No	12/22/2011	<20	<20	<40
L9	1	No	12/22/2011	<20	<20	<40
B-13	6	No	10/5/2012	16.4	<20	16.4
B-14	6	No	10/5/2012	32.1	<20	32.1

Bold results exceed the approved cleanup criteria of 150 mg/kg of total nitrogen

Table A.4
Pre and Post Remaining Soil Contamination Soil Analytical Table
Post-Remedial Analytical Data - LUST Site

Soil Analytical Results Summary - PAHs
Royster Clark Madison / BT Squared Project #3234
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(a) anthracene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(a) pyrene	Benzo(ghi) perylene	Chrysene	Dibenzo(a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
DP137	2/21/2007	6-8	--	<51	<88	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<7.7	<10	<10	<5.1	<31	<26	<31	<5.1	<5.1
	2/21/2007	14-15	--	88	<110	79	210	210	99	180	170	190	27	530	32	150	45	210	<40	370	710
DP138	2/21/2007	10-12	--	<54	<92	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<8.1	<11	<11	<5.4	<33	<27	<33	<5.4	<5.4
	2/21/2007	14-16	--	<55	<94	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<8.3	<11	<11	<5.5	<33	<28	<33	<5.5	<5.5
DP139	2/21/2007	4-6	--	<56	<95	<5.6	6.6	<5.6	<5.6	5.9	5.8	5.9	<8.4	15	<11	<5.6	<33	<28	<33	7.2	9.2
	2/21/2007	12-14	--	<55	<93	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<8.2	<11	<11	<5.5	<33	<27	<33	<5.5	<5.5
DP140	2/21/2007	8-10	--	<52	<89	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<7.9	<10	<10	<5.2	<31	<26	<31	<5.2	<5.2
	2/21/2007	12-14	--	<55	<94	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<8.3	<11	<11	<5.5	<33	<28	<33	<5.5	<5.5
DP141	2/21/2007	12-14	--	<54	<93	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<8.2	<11	<11	<5.4	<33	<27	<33	<5.4	<5.4
	2/21/2007	14-16	--	<54	<92	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<8.1	<11	<11	<5.4	<32	<27	<32	<5.4	<5.4
WDNR PAH Soil Generic Residual Contaminant Levels (RCLs) (Interim Guidance - April 1997)																					
Groundwater Pathway				38,000	700	3,000,000	17,000	360,000	870,000	48,000	6,800,000	37,000	38,000	500,000	100,000	680,000	23,000	20,000	400	1,800	8,700,000
Non-Industrial Direct Contact				900,000	18,000	5,000,000	88	88	880	8.8	1,800	8,800	8.8	600,000	600,000	88	1,100,000	600,000	20,000	18,000	500,000
Industrial Direct Contact				60,000,000	360,000	300,000,000	3,900	3,900	39,000	390	39,000	390,000	390	40,000,000	40,000,000	3,900	70,000,000	40,000,000	110,000	390,000	30,000,000
Current Groundwater Pathway Standard				#N/A	#N/A	196,744	#N/A	480	#N/A	470	#N/A	145	#N/A	88,818	14,815	#N/A	#N/A	#N/A	659	#N/A	54,472
Current Non-Industrial Direct Contact †				3,440,000	#N/A	17,200,000	148	148	1,480	15	#N/A	14,800	15	2,290,000	2,290,000	148	15,600	229,000	5,150	#N/A	1,720,000

µg/kg = micrograms per kilogram or parts per billion (ppb)
-- = Not Applicable
PAHs = Polynuclear Aromatic Hydrocarbons
WDNR = Wisconsin Department of Natural Resources

Created by: TLR Date: 3/21/2007
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Checked by: SMS Date: 3/23/2007

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Current Soil Standards based on WDNR Guidance Document "Soil Residual Contaminant Level Determinations Using The U.S. EPA Regional Screening Level Web Calculator", Publication PUB-RR-890.
† Direct contact standards applied to soil located within 0 to 4 feet of the ground surface

Indicates result exceeds the groundwater pathway standard

Table A.5
Vapor Analytical Table

Vapor intrusion does not represent a risk at the Site; therefore, no vapor samples were collected.

Table A.6
Other Media of Concern

No other media of concern were sampled as part of the investigation and remediation of the Site.

Table A.7
Water Level Elevations
Former Royster-Clark Facility, Madison, Wisconsin

Depth to Water (ft)

Well	MW1	MW1P	MW2	MW2P	MW2PP	MW2PPP	MW3	W4/4R/4P	MW5	MW6	MW6P	MW6PP	MW7/MW7R	MW8	MW8P
Date															
9/28/2004	11.04	NI	11.12	NI	NI	NI	10.33	11.94	10.87	NM	NI	NI	NI	NI	NI
10/11/2004	11.29	NI	11.42	NI	NI	NI	10.40	12.29	11.39	NM	NI	NI	NI	NI	NI
1/10/2005	12.20	NI	12.43	NI	NI	NI	11.63	NM	12.90	NM	NI	NI	NI	NI	NI
4/13/2005	11.06	NI	11.79	NI	NI	NI	10.99	12.93	12.58	NM	NI	NI	NI	NI	NI
7/22/2005	13.65	NI	13.73	NI	NI	NI	12.66	NM	14.98	NM	NI	NI	NI	NI	NI
3/24/2006	14.08	NI	14.06	NI	NI	NI	13.25	NM	13.77	13.42	NI	NI	NI	NI	NI
6/14/2006	12.01	NI	12.29	NI	NI	NI	11.07	NM	11.45	11.58	NI	NI	NI	NI	NI
9/15/2006	11.94	NI	12.19	NI	NI	NI	11.64	NM	12.53	11.40	NI	NI	NI	NI	NI
1/9/2007	12.93	NI	13.19	NI	NI	NI	12.00	NM	13.67	12.68	NI	NI	NI	NI	NI
2/27/2007	14.08	NI	14.42	NI	NI	NI	13.31	NM	15.70	13.92	NI	NI	NI	NI	NI
4/3/2007	9.62	NI	11.14	NI	NI	NI	10.90	NM	12.62	11.87	NI	NI	NI	NI	NI
4/30/2007	10.67	NI	10.91	NI	NI	NI	9.95	12.98	11.14	10.44	NI	NI	NI	NI	NI
11/15/2007	11.80	12.21	12.17	12.40	NI	NI	NM	NM	NM	11.37	11.51	NI	NI	NI	NI
12/6/2007	12.39	12.75	12.83	12.93	NI	NI	11.72	NM	13.88	12.08	12.09	NI	12.18	9.47	NI
6/18/2008	4.22	5.01	4.94	5.24	NI	NI	4.52	NM	3.74	3.73	6.91	NI	4.21	2.24	NI
12/10/2008	12.06	12.42	12.30	12.26	NI	NI	11.81	NM	12.90	11.52	17.88	NI	12.58	9.47	NI
8/12/2009	10.70	10.35	10.55	10.53	10.98	NI	10.05	11.51	9.98	9.18	9.26	9.29	10.70	8.20	NI
3/31/2010	9.43	9.31	9.43	9.43	9.95	NI	8.81	10.60	8.13	8.36	8.78	8.47	8.37	6.80	NI
11/20/2010	10.29	9.84	10.21	10.07	10.33	NI	9.77	11.37	9.01	9.03	8.90	8.93	10.37	7.85	NI
11/7/2011	12.88	12.62	12.88	12.91	13.32	16.55	12.47	13.45	12.71	11.84	11.80	11.87	12.95	10.09	NI
3/26/2012	12.66	12.64	12.86	12.95	13.42	17.01	11.97	NM	12.39	12.36	15.82	12.33	12.57	9.48	NI
6/4/2012	12.44	12.62	12.93	12.91	13.31	15.85	12.40	14.39	12.77	NM	11.30	12.25	10.45	9.82	NI
9/24/2012	15.01	15.06	15.29	15.25	15.71	18.69	17.76	16.57	15.91	14.62	15.33	14.62	14.72	11.93	NI
12/6/2012	14.04	14.46	14.86	14.75	15.14	17.99	14.60	16.36	15.22	14.19	14.95	14.14	14.67	12.01	NI
3/26/2013	11.05	12.41	12.78	12.78	13.61	15.47	12.57	14.56	NM	NM	NM	NM	11.84	9.30	NI
4/9/2013	NM	NM	NM	NM	11.70	NM	NM	NM	NM	11.32	14.25	12.52	NM	NM	NI
6/3/2013	9.10	9.13	9.29	9.48	10.04	14.21	8.79	10.77	7.35	11.78	11.94	12.18	8.69	6.99	NI
9/4/2013	10.68	10.56	10.85	10.82	11.32	15.34	10.15	11.79	9.81	13.16	13.19	13.22	10.75	8.46	NI
11/8/2013	NM	NM	NM	NM	NM	15.48	NM	NM	NM	NM	NM	14.68	NM	NM	NI
11/11/2013	NM	NM	NM	NM	NM	14.83	NM	NM	NM	NM	NM	14.70	NM	NM	NI
11/12/2013	NM	NM	NM	NM	NM	16.29	NM	NM	NM	NM	NM	14.88	NM	NM	NI
11/13/2013	NM	NM	NM	NM	NM	17.09	NM	NM	NM	NM	NM	14.62	NM	NM	NI
11/14/2013	NM	NM	NM	NM	NM	15.94	NM	NM	NM	NM	NM	14.63	NM	NM	NI
12/5/2013	NM	NM	NM	NM	12.77	16.62	NM	NM	NM	NM	NM	15.11	NM	NM	NI
12/11/2013	12.20	12.15	12.42	12.51	13.02	NM	11.78	13.76	NM	15.16	NM	NM	Damaged	16.56	NM
12/13/2013	12.16	NM	12.33	12.24	12.72	16.08	11.78	13.70	NM	15.01	14.98	15.06	NM	16.55	16.79
12/26/2013	NM	NM	NM	NM	NM	15.53	NM	NM	NM	NM	NM	15.14	NM	NM	NM
1/16-17/2014	12.67	NM	13.56	13.73	13.17	16.13	12.39	14.35	10.79	15.62	15.51	15.59	NM	16.91	17.18
2/26/2014	13.48	NM	13.77	14.77	14.24	17.88	13.16	15.27	NM	16.64	16.69	16.66	13.42	17.41	17.76
5/14/2014	10.26	10.82	11.04	11.12	11.65	14.47	11.02	13.67	9.69	14.36	14.24	14.21	9.02	14.21	15.47
5/15/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5/19/2014	10.69	11.03	11.29	11.30	11.85	14.85	11.00	13.41	9.77	14.36	14.29	14.27	9.78	15.41	15.65
5/28/2014	10.63	10.81	11.11	11.07	11.76	15.14	11.01	13.50	10.50	14.30	14.25	14.23	9.18	15.12	15.43
7/22/2014	9.72	9.54	9.84	9.79	10.33	14.26	9.39	11.30	7.82	12.36	12.32	12.40	NM	14.56	14.25
7/24/2014	9.85	NM	10.03	10.06	10.59	NM	9.49	11.40	8.08	12.54	NM	NM	9.16	14.44	NM

Ground Water Elevation (ft, amsl)

Well	MW1	MW1P	MW2	MW2P	MW2PP	MW2PPP	MW3	W4/4R/4P	MW5	MW6	MW6P	MW6PP	MW7/MW7R	MW8	MW-8P
TOC Elevation	860.20	859.59	860.10	859.80	860.01	860.09	859.88	862.57	862.13	859.97	859.77	859.70	860.35	856.65	864.81
TOC Elevation*	--	860.24	--	--	--	--	--	862.33	--	863.36	863.18	863.10	861.05	864.58	--
Date								862.63							
9/28/2004	849.16	--	848.98	--	--	--	849.55	850.63	851.26	--	--	--	--	--	--
10/11/2004	848.91	--	848.68	--	--	--	849.48	850.28	850.74	--	--	--	--	--	--
1/10/2005	848.00	--	847.67	--	--	--	848.25	--	849.23	--	--	--	--	--	--
4/13/2005	849.14	--	848.31	--	--	--	848.89	849.64	849.55	--	--	--	--	--	--
7/22/2005	846.55	--	846.37	--	--	--	847.22	--	847.15	--	--	--	--	--	--
3/24/2006	846.12	--	846.04	--	--	--	846.63	--	848.36	846.55	--	--	--	--	--
6/14/2006	848.19	--	847.81	--	--	--	848.81	--	850.68	848.39	--	--	--	--	--
9/15/2006	848.26	--	847.91	--	--	--	848.24	--	849.60	848.57	--	--	--	--	--
1/9/2007	847.27	--	846.91	--	--	--	847.88	--	848.46	847.29	--	--	--	--	--
2/27/2007	846.12	--	845.68	--	--	--	846.57	--	846.43	846.05	--	--	--	--	--
4/3/2007	850.58	--	848.96	--	--	--	848.98	--	849.51	848.10	--	--	--	--	--
4/30/2007	849.53	--	849.19	--	--	--	849.93	849.59	850.99	849.53	--	--	--	--	--
11/15/2007	848.40	847.38	847.93	847.40	--	--	--	--	--	848.60	848.26	--	--	--	--
12/6/2007	847.81	846.84	847.27	846.87	--	--	848.16	--	848.25	847.89	847.68	--	848.17	847.18	--
6/18/2008	855.98	854.58	855.16	854.56	--	--	855.36	--	858.39	856.24	852.86	--	856.14	854.41	--
12/10/2008	848.14	847.17	847.80	847.54	--	--	848.07	--	849.23	848.45	841.89	--	847.77	847.18	--
8/12/2009	849.50	849.24	849.55	849.27	849.03	--	849.83	851.06	852.15	850.79	850.51	850.41	849.65	848.45	--
3/31/2010	850.77	850.28	850.67	850.37	850.06	--	851.07	851.97	854.00	851.61	850.99	851.23	851.98	849.85	--
11/20/2010	849.91	849.75	849.89	849.73	849.68	--	850.11	851.20	853.12	850.94	850.87	850.77	849.98	848.80	--
11/7/2011	847.32	846.97	847.22	846.89	846.69	843.54	847.41	849.12	849.42	848.13	847.97	847.83	847.40	846.56	--
3/26/2012	847.54	846.95	847.24	846.85	846.59	843.08	847.91	--	849.74	847.61	843.95	847.37	847.78	847.17	--
6/4/2012	847.76	846.97	847.17	846.89	846.70	844.24	847.48	847.94	849.36	--	848.47	847.45	849.90	846.83	--
9/24/2012	845.19	844.53	844.81	844.55	844.30	841.40	842.12	845.76	846.22	845.35	844.44	845.08	845.63	844.72	--
12/6/2012	846.16	845.13	845.24	845.05	844.87	842.10	845.28	845.97	846.91	845.78	844.82	845.56	845.68	844.64	--
3/26/2013	849.15	847.18	847.32	847.02	846.40	844.62	847.31	847.77	--	--	--	--	848.51	847.35	--
4/9/2013	--	--	--	--	848.31	--	--	--	--	848.65	845.52	847.18	--	--	--
6/3/2013	851.10	850.46	850.81	850.32	849.97	845.88	851.09	851.86	854.78	851.58	851.24	850.92	851.66	849.66	--
9/4/2013	849.52	849.03	849.25	848.98	848.69	844.75	849.73	850.84	852.32	850.20	849.99	849.88	849.60	848.19	--
10/8/2013	--	--	--	--	--	844.61	--	--	--	--	--	848.42	--	--	--
11/11/2013	--	--	--	--	--	845.26	--	--	--	--	--	848.40	--	--	--
11/12/2013	--	--	--	--	--	843.80	--	--	--	--	--	848.22	--	--	--
11/13/2013	--	--	--	--	--	843.00	--	--	--	--	--	848.48	--	--	--
11/14/2013	--	--	--	--	--	844.15	--	--	--	--	--	848.47	--	--	--
12/5/2013	--	--	--	--	847.24	843.47	--	--	--	--	--	847.99	--	--	--
12/11/2013	848.00	847.44	847.68	847.29	846.99	--	848.10	848.87	--	848.20	--	--	--	848.02	--
12/13/2013	848.04	--	847.77	847.56	847.29	844.01	848.10	848.93	--	848.35	848.20	848.04	--	848.03	848.02
12/26/2013	--	--	--	--	--	844.56	--	--	--	--	--	847.96	--	--	--
1/16-17/2014	847.53	--	846.54	846.07	846.84	843.96	847.49	848.28	851.34	847.74	847.67	847.51	--	847.67	847.63
2/26/2014	846.72	--	846.33	845.03	845.77	842.21	846.72	847.36	--	846.72	846.49	846.44	847.63	847.17	847.05
5/14-15/2014	849.94	849.42	849.06	848.68	848.36	845.62	848.86	848.96	852.44	849.00	848.94	848.89	852.03	850.37	849.34
5/19/2014	849.51	849.21	848.81	848.50	848.16	845.24	848.88	849.22	852.36	849.00	848.89	848.83	851.27	849.17	849.16
5/28/2014	849.57	849.43	848.99	848.73	848.25	844.95	848.87	849.13	851.63	849.06	848.93	848.87	851.87	849.46	849.38
7/22/2014	850.48	850.70	850.26	850.01	849.68	845.83	850.49	851.33	854.31	851.00	850.86	850.70	NM	850.02	850.56
7/24/2014	850.35	NM	850.07	849.74	849.42	NM	850.39	851.23	854.05	850.82	NM	NM	851.89	850.14	NM

Table A.7
Water Level Elevations
Former Royster-Clark Facility, Madison, Wisconsin

Depth to Water (ft)

Well	MW9PP	MW9PPP	MW9PPPP	MW-10	MW-10PPP	MW-11PPPP	MW-12PPPP	MW-13	MW-13PPPP	MW-14	MW-14PPPP	PECFA MW1	PECFA MW2	PECFA MW3
Date														
9/28/2004	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
10/11/2004	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
1/10/2005	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
4/13/2005	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
7/22/2005	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
3/24/2006	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
6/14/2006	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
9/15/2006	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
1/9/2007	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
2/27/2007	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	15.20	15.82	15.40
4/3/2007	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	13.20	13.28	13.41
4/30/2007	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.92	12.48	12.03
11/15/2007	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
12/6/2007	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	13.34	14.06	13.44
6/18/2008	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	5.75	7.23	6.91
12/10/2008	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.96	12.35	11.96
8/12/2009	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	9.91	9.85	9.30
3/31/2010	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	7.95	8.60	8.79
11/20/2010	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	8.87	9.39	9.33
11/7/2011	9.70	10.99	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.89	12.55	12.15
3/26/2012	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	12.57	NM
6/4/2012	10.98	11.06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	13.04	DRY
9/24/2012	12.23	13.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	16.01	DRY
12/6/2012	11.25	12.32	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	15.34	DRY
3/26/2013	NM	9.81	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
4/9/2013	9.59	NM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
6/3/2013	6.29	6.33	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	NM	NM
9/4/2013	8.47	10.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NM	9.94	12.59
11/8/2013	NM	9.95	NI	NI	17.84	NI	NI	NI	NI	NI	NI	NM	NM	NM
11/11/2013	NM	9.20	NI	NI	15.20	NI	NI	NI	NI	NI	NI	NM	NM	NM
11/12/2013	NM	10.26	NI	NI	17.65	NI	NI	NI	NI	NI	NI	NM	NM	NM
11/13/2013	NM	11.60	NI	NI	18.43	NI	NI	NI	NI	NI	NI	NM	NM	NM
11/14/2013	NM	10.75	NI	NI	18.22	NI	NI	NI	NI	NI	NI	NM	NM	NM
12/5/2013	9.65	10.65	13.17	NI	18.93	14.85	NI	NI	NI	NI	NI	NM	NM	NM
12/11/2013	NM	NM	NM	12.42	NM	NM	NI	NI	NI	NI	NI	NM	NM	NM
12/13/2013	9.19	10.24	12.42	NM	18.27	12.89	12.55	NI	NI	NI	NI	NM	NM	NM
12/26/2013	NM	9.04	9.72	NM	14.99	11.66	9.89	NI	NI	NI	NI	NM	NM	NM
1/16-17/2014	10.28	9.42	13.16	12.74	16.51	14.53	12.41	NI	NI	NI	NI	NM	NM	NM
2/26/2014	10.77	12.07	14.47	12.84	20.40	16.16	14.10	NI	NI	NI	NI	NM	NM	NM
5/14/2014	7.92	9.10	11.07	10.37	NM	13.04	11.32	NM	NM	8.44	14.36	10.15	10.95	NM
5/15/2014	NM	NM	NM	NM	NM	NM	NM	5.56	10.23	NM	NM	NM	NM	NM
5/19/2014	8.07	9.24	11.05	10.76	16.65	12.98	11.08	6.81	9.36	8.47	14.29	10.30	10.97	NM
5/28/2014	9.50	9.24	11.50	10.35	17.50	13.67	11.90	5.74	10.48	8.45	15.43	10.03	10.48	NM
7/22/2014	7.17	8.63	11.20	9.85	17.60	13.22	11.40	6.08	10.01	7.73	15.34	8.23	8.65	NM
7/24/2014	NM	NM	NM	9.98	NM	NM	NM	NM	NM	NM	NM	8.40	8.75	12.72

Ground Water Elevation (ft, amsl)

Well	MW9PP	MW9PPP	MW-9PPPP	MW-10	MW-10PPP	MW-11PPPP	MW-12PPPP	MW-13	MW-13PPPP	MW-14	MW-14PPPP	PECFA MW1	PECFA MW2	PECFA MW3
TOC Elevation	854.78	854.68	855.81	860.08	860.78	857.30	855.36	853.23	853.15	856.81	856.98	862.30	863.09	862.11
TOC Elevation*	--	--	--	--	--	--	---	---	---	---	---	--	--	864.71
Date														
9/28/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/11/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/10/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/13/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/22/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/24/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/14/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/15/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/9/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/27/2007	--	--	--	--	--	--	--	--	--	--	--	847.10	847.27	846.71
4/3/2007	--	--	--	--	--	--	--	--	--	--	--	849.10	849.81	848.70
4/30/2007	--	--	--	--	--	--	--	--	--	--	--	850.38	850.61	850.08
11/15/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/6/2007	--	--	--	--	--	--	--	--	--	--	--	848.96	849.03	848.67
6/18/2008	--	--	--	--	--	--	--	--	--	--	--	856.55	855.86	855.20
12/10/2008	--	--	--	--	--	--	--	--	--	--	--	850.34	850.74	850.15
8/12/2009	--	--	--	--	--	--	--	--	--	--	--	852.39	853.24	852.81
3/31/2010	--	--	--	--	--	--	--	--	--	--	--	854.35	854.49	853.32
11/20/2010	--	--	--	--	--	--	--	--	--	--	--	853.43	853.70	852.78
11/7/2011	845.08	843.69	--	--	--	--	--	--	--	--	--	850.41	850.54	849.96
3/26/2012	--	--	--	--	--	--	--	--	--	--	--	--	850.52	--
6/4/2012	843.80	843.62	--	--	--	--	--	--	--	--	--	--	850.05	--
9/24/2012	842.55	841.47	--	--	--	--	--	--	--	--	--	--	847.08	--
12/6/2012	843.53	842.36	--	--	--	--	--	--	--	--	--	--	847.75	--
3/26/2013	--	844.87	--	--	--	--	--	--	--	--	--	--	--	--
4/9/2013	845.19	--	--	--	--	--	--	--	--	--	--	--	--	--
6/3/2013	848.49	848.35	--	--	--	--	--	--	--	--	--	--	--	--
9/4/2013	846.31	844.49	--	--	--	--	--	--	--	--	--	--	853.15	852.12
10/8/2013	--	844.73	--	--	842.94	--	--	--	--	--	--	--	--	--
11/11/2013	--	845.48	--	--	845.58	--	--	--	--	--	--	--	--	--
11/12/2013	--	844.42	--	--	843.13	--	--	--	--	--	--	--	--	--
11/13/2013	--	843.08	--	--	842.35	--	--	--	--	--	--	--	--	--
11/14/2013	--	843.93	--	--	842.56	--	--	--	--	--	--	--	--	--
12/5/2013	845.13	844.03	842.64	--	841.85	--	--	--	--	--	--	--	--	--
12/11/2013	--	--	--	847.66	--	--	--	--	--	--	--	--	--	--
12/13/2013	845.59	844.44	843.39	--	842.51	844.41	842.81	--	--	--	--	--	--	--
12/26/2013	--	845.64	846.09	--	845.79	845.64	845.47	--	--	--	--	--	--	--
1/16-17/2014	844.50	845.26	842.65	847.34	844.27	842.77	842.95	--	--	--	--	--	--	--
2/26/2014	844.01	842.61	841.34	847.24	840.38	841.14	841.26	--	--	--	--	--	--	--
5/14-15/2014	846.86	845.58	844.74	849.71	NM	844.26	844.04	847.67	842.92	848.37	842.62	852.15	852.14	NM
5/19/2014	846.71	845.44	844.76	849.32	844.13	844.32	844.28	846.42	843.79	848.34	842.69	852.00	852.12	NM
5/28/2014	845.28	845.44	844.31	849.73	843.28	843.63	843.46	847.49	842.67	848.36	841.55	852.27	852.61	NM
7/22/2014	847.61	846.05	844.61	850.23	843.18	844.08	843.96	847.15	843.14	849.08	841.64	854.07	854.44	NM
7/24/2014	NM	NM	NM	850.10	NM	NM	NM	NM	NM	NM	NM	853.90	854.34	851.99

NI = well not installed
NM = not measured
amsl = above mean sea level
TOC = Top of Casing

*Stick ups added to MW-6 nest (6/3/13)
*Stick up extended on MW-8 (12/11/13)

Table A.8
Vertical Hydraulic Gradient Data
Former Royster-Clark Facility, Madison, Wisconsin

MW1/MW1P Vertical Hydraulic Gradient Calculation

Well TOC / Date	MW1 860.20 Potentiometric Surface Elevation	MW1P 859.59 Potentiometric Surface Elevation	MW1P Screen Midpoint Elev	Change in Head (ΔH)	Change in Distance (ΔL)	Vertical Gradient	Vetical Flow Direction
11/15/2007	848.40	847.38	820.11	1.02	28.29	3.6E-02	downward
12/6/2007	847.81	846.84	820.11	0.97	27.7	3.5E-02	downward
6/18/2008	855.98	854.58	820.11	1.40	35.87	3.9E-02	downward
12/10/2008	848.14	847.17	820.11	0.97	28.03	3.5E-02	downward
8/12/2009	849.50	849.24	820.11	0.26	29.39	8.8E-03	downward
3/31/2010	850.77	850.28	820.11	0.49	30.66	1.6E-02	downward
11/20/2010	849.91	849.75	820.11	0.16	29.8	5.4E-03	downward
11/7/2011	847.32	846.97	820.11	0.35	27.21	1.3E-02	downward
6/4/2012	847.76	846.97	820.11	0.79	27.65	2.9E-02	downward
9/24/2012	845.19	844.53	820.11	0.66	25.08	2.6E-02	downward
12/6/2012	846.16	845.13	820.11	1.03	26.05	4.0E-02	downward
3/26/2013	849.15	847.18	820.11	1.97	29.04	6.8E-02	downward
6/3/2013	851.10	850.46	820.11	0.64	30.99	2.1E-02	downward
9/4/2013	849.52	849.03	820.11	0.49	29.41	1.7E-02	downward
12/11/2013	848.00	847.44	820.11	0.56	27.89	2.0E-02	downward
5/14-15/2014	849.94	849.42	820.11	0.52	29.83	1.7E-02	downward
5/19/2014	849.51	849.21	820.11	0.3	29.4	1.0E-02	downward
5/28/2014	849.57	849.43	820.11	0.14	29.46	4.8E-03	downward
7/22/2014	850.48	850.70	820.11	-0.22	30.37	-7.2E-03	upward

MW2/MW2P Vertical Hydraulic Gradient Calculation

Well TOC / Date	MW2 860.10 Potentiometric Surface Elevation	MW2P 859.80 Potentiometric Surface Elevation	MW2P Screen Midpoint Elev	Change in Head (ΔH)	Change in Distance (ΔL)	Vertical Gradient	Vetical Flow Direction
11/15/2007	847.93	847.40	820.21	0.53	27.72	1.9E-02	downward
12/6/2007	847.27	846.87	820.21	0.40	27.06	1.5E-02	downward
6/18/2008	855.16	854.56	820.21	0.60	34.95	1.7E-02	downward
12/10/2008	847.80	847.54	820.21	0.26	27.59	9.4E-03	downward
8/12/2009	849.55	849.27	820.21	0.28	29.34	9.5E-03	downward
3/31/2010	850.67	850.37	820.21	0.30	30.46	9.8E-03	downward
11/20/2010	849.89	849.73	820.21	0.16	29.68	5.4E-03	downward
11/7/2011	847.22	846.89	820.21	0.33	27.01	1.2E-02	downward
6/4/2012	847.17	846.89	820.21	0.28	26.96	1.0E-02	downward
9/24/2012	844.81	844.55	820.21	0.26	24.60	1.1E-02	downward
12/6/2012	845.24	845.05	820.21	0.19	25.03	7.6E-03	downward
3/26/2013	847.32	847.02	820.21	0.30	27.11	1.1E-02	downward
6/3/2013	850.81	850.32	820.21	0.49	30.60	1.6E-02	downward
9/4/2013	849.25	848.98	820.21	0.27	29.04	9.3E-03	downward
12/13/2013	847.77	847.56	820.21	0.21	27.56	7.6E-03	downward
1/16-17/2014	846.54	846.07	820.21	0.47	26.33	1.8E-02	downward
2/26/2014	846.33	845.03	820.21	1.30	26.12	5.0E-02	downward
5/14-15/2014	849.06	848.68	820.21	0.38	28.85	1.3E-02	downward
5/19/2014	848.81	848.50	820.21	0.31	28.60	1.1E-02	downward
5/28/2014	848.99	848.73	820.21	0.26	28.78	9.0E-03	downward
7/22/2014	850.26	850.01	820.21	0.25	30.05	8.3E-03	downward

MW2P/MW2PP Vertical Hydraulic Gradient Calculation

Well TOC / Date	MW2P 859.80 Potentiometric Surface Elevation	MW2PP 860.01 Potentiometric Surface Elevation	MW2P Screen Midpoint Elev	MW2PP Screen Midpoint Elev	Change in Head (ΔH)	Change in Distance (ΔL)	Vertical Gradient	Vetical Flow Direction
8/12/2009	849.27	849.03	820.21	782.54	0.24	37.67	6.4E-03	downward
3/31/2010	850.37	850.06	820.21	782.54	0.31	37.67	8.2E-03	downward
11/20/2010	849.73	849.68	820.21	782.54	0.05	37.67	1.3E-03	downward
11/7/2011	846.89	846.69	820.21	782.54	0.20	37.67	5.3E-03	downward
6/4/2012	846.89	846.7	820.21	782.54	0.19	37.67	5.0E-03	downward
9/24/2012	844.55	844.3	820.21	782.54	0.25	37.67	6.6E-03	downward
12/6/2012	845.05	844.87	820.21	782.54	0.18	37.67	4.8E-03	downward
3/26/2013	847.02	846.4	820.21	782.54	0.62	37.67	1.6E-02	downward
6/3/2013	850.32	849.97	820.21	782.54	0.35	37.67	9.3E-03	downward
9/4/2013	848.98	848.69	820.21	782.54	0.29	37.67	7.7E-03	downward
12/13/2013	847.56	847.29	820.21	782.54	0.27	37.67	7.2E-03	downward
1/16-17/2014	846.07	846.84	820.21	782.54	-0.77	37.67	-2.0E-02	upward
2/26/2014	845.03	845.77	820.21	782.54	-0.74	37.67	-2.0E-02	upward
5/14-15/2014	848.68	848.36	820.21	782.54	0.32	37.67	8.5E-03	downward
5/19/2014	848.50	848.16	820.21	782.54	0.34	37.67	9.0E-03	downward
5/28/2014	848.73	848.25	820.21	782.54	0.48	37.67	1.3E-02	downward
7/22/2014	850.01	849.68	820.21	782.54	0.33	37.67	8.8E-03	downward

Table A.8
Vertical Hydraulic Gradient Data
Former Royster-Clark Facility, Madison, Wisconsin

MW2PP/MW2PPP Vertical Hydraulic Gradient Calculation

Well TOC	MW2PP 859.80	MW2PPP 860.01	MW2PP Screen Midpoint Elev	MW2PPP Screen Midpoint Elev	Change in Head (ΔH)	Change in Distance (ΔL)	Vertical Gradient	Vetical Flow Direction
Date	Potentiometric Surface Elevation							
11/7/2011	846.69	843.54	782.54	744.79	3.15	37.75	8.3E-02	downward
6/4/2012	846.7	844.24	782.54	744.79	2.46	37.75	6.5E-02	downward
9/24/2012	844.3	841.4	782.54	744.79	2.9	37.75	7.7E-02	downward
12/6/2012	844.87	842.1	782.54	744.79	2.77	37.75	7.3E-02	downward
3/26/2013	846.4	844.62	782.54	744.79	1.78	37.75	4.7E-02	downward
6/3/2013	849.97	845.88	782.54	744.79	4.09	37.75	1.1E-01	downward
9/4/2013	848.69	844.75	782.54	744.79	3.94	37.75	1.0E-01	downward
12/13/2013	847.29	844.01	782.54	744.79	3.28	37.75	8.7E-02	downward
1/16-17/2014	846.84	843.96	782.54	744.79	2.88	37.75	7.6E-02	downward
2/26/2014	845.77	842.21	782.54	744.79	3.56	37.75	9.4E-02	downward
5/14-15/2014	848.36	845.62	782.54	744.79	2.74	37.75	7.3E-02	downward
5/19/2014	848.16	845.24	782.54	744.79	2.92	37.75	7.7E-02	downward
5/28/2014	848.25	844.95	782.54	744.79	3.30	37.75	8.7E-02	downward
7/22/2014	849.68	845.83	782.54	744.79	3.85	37.75	1.0E-01	downward

MW6/MW6P Vertical Hydraulic Gradient Calculation

Well TOC TOC*	MW6 859.97 863.36	MW6P 859.77 863.18	MW6P Midpoint Elev	Change in Head (ΔH)	Change in Distance (ΔL)	Vertical Gradient	Vetical Flow Direction
Date	Potentiometric Surface Elevation						
11/15/2007	848.60	848.26	822.83	0.34	25.77	1.3E-02	downward
12/6/2007	847.89	847.68	822.83	0.21	25.06	8.4E-03	downward
6/18/2008	856.24	852.86	822.83	3.38	33.41	1.0E-01	downward
12/10/2008	848.45	841.89	822.83	6.56	25.62	2.6E-01	downward
8/12/2009	850.79	850.51	822.83	0.28	27.96	1.0E-02	downward
3/31/2010	851.61	850.99	822.83	0.62	28.78	2.2E-02	downward
11/20/2010	850.94	850.87	822.83	0.07	28.11	2.5E-03	downward
11/7/2011	848.13	847.97	822.83	0.16	25.30	6.3E-03	downward
9/24/2012	845.35	844.44	822.83	0.91	22.52	4.0E-02	downward
12/6/2012	845.78	844.82	822.83	0.96	22.95	4.2E-02	downward
4/9/2013	848.65	845.52	822.83	3.13	25.82	1.2E-01	downward
6/3/2013	851.58	851.24	822.83	0.34	28.75	1.2E-02	downward
9/4/2013	850.20	849.99	822.83	0.21	27.37	7.7E-03	downward
12/13/2013	848.35	848.20	822.83	0.15	25.52	5.9E-03	downward
1/16-17/2014	847.74	847.67	822.83	0.07	24.91	2.8E-03	downward
2/26/2014	846.72	846.49	822.83	0.23	23.89	9.6E-03	downward
5/14-15/2014	849.00	848.94	822.83	0.06	26.17	2.3E-03	downward
5/19/2014	849.00	848.89	822.83	0.11	26.17	4.2E-03	downward
5/28/2014	849.06	848.93	822.83	0.13	26.23	5.0E-03	downward
7/22/2014	851.00	850.86	822.83	0.14	28.17	5.0E-03	downward

MW6P/MW6PP Vertical Hydraulic Gradient Calculation

Well TOC TOC*	MW6P 859.77 863.18	MW6PP 859.70 863.10	MW6P Screen Midpoint Elev	MW6PP Screen Midpoint Elev	Change in Head (ΔH)	Change in Distance (ΔL)	Vertical Gradient	Vetical Flow Direction
Date	Potentiometric Surface Elevation							
8/12/2009	850.51	850.41	822.83	784.35	0.10	38.48	2.6E-03	downward
3/31/2010	850.99	851.23	822.83	784.35	-0.24	38.48	-6.2E-03	upward
11/20/2010	850.87	850.77	822.83	784.35	0.10	38.48	2.6E-03	downward
11/7/2011	847.97	847.83	822.83	784.35	0.14	38.48	3.6E-03	downward
6/4/2012	848.47	847.45	822.83	784.35	1.02	38.48	2.7E-02	downward
9/24/2012	844.44	845.08	822.83	784.35	-0.64	38.48	-1.7E-02	upward
12/6/2012	844.82	845.56	822.83	784.35	-0.74	38.48	-1.9E-02	upward
4/9/2013	845.52	847.18	822.83	784.35	-1.66	38.48	-4.3E-02	upward
6/3/2013	851.24	850.92	822.83	784.35	0.32	38.48	8.3E-03	downward
9/4/2013	849.99	849.88	822.83	784.35	0.11	38.48	2.9E-03	downward
12/13/2013	848.20	848.04	822.83	784.35	0.16	38.48	4.2E-03	downward
1/16-17/2014	847.67	847.51	822.83	784.35	0.16	38.48	4.2E-03	downward
2/26/2014	846.49	846.44	822.83	784.35	0.05	38.48	1.3E-03	downward
5/14-15/2014	848.94	848.89	822.83	784.35	0.05	38.48	1.3E-03	downward
5/19/2014	848.89	848.83	822.83	784.35	0.06	38.48	1.6E-03	downward
5/28/2014	848.93	848.87	822.83	784.35	0.06	38.48	1.6E-03	downward
7/22/2014	850.86	850.70	822.83	784.35	0.16	38.48	4.2E-03	downward

Table A.8
Vertical Hydraulic Gradient Data
Former Royster-Clark Facility, Madison, Wisconsin

MW9P/MW9PP Vertical Hydraulic Gradient Calculation

Well TOC	MW9PP 854.78	MW9PPP 854.68	MW9PP Screen Midpoint Elev	MW9PPP Screen Midpoint Elev	Change in Head (ΔH)	Change in Distance (ΔL)	Vertical Gradient	Vetical Flow Direction
Date	Potentiometric Surface Elevation							
11/7/2011	845.08	843.69	779.38	744.28	1.39	35.10	4.0E-02	downward
6/4/2012	843.8	843.62	779.38	744.28	0.18	35.1	5.1E-03	downward
9/24/2012	842.55	841.47	779.38	744.28	1.08	35.1	3.1E-02	downward
12/6/2012	843.53	842.36	779.38	744.28	1.17	35.1	3.3E-02	downward
6/3/2013	848.49	848.35	779.38	744.28	0.14	35.1	4.0E-03	downward
9/4/2013	846.31	844.49	779.38	744.28	1.82	35.1	5.2E-02	downward
12/13/2013	845.59	844.44	779.38	744.28	1.15	35.1	3.3E-02	downward
1/16-17/2014	844.50	845.26	779.38	744.28	-0.76	35.1	-2.2E-02	upward
2/26/2014	844.01	842.61	779.38	744.28	1.4	35.1	4.0E-02	downward
5/14-15/2014	846.86	845.58	779.38	744.28	1.28	35.1	3.6E-02	downward
5/19/2014	846.71	845.44	779.38	744.28	1.27	35.1	3.6E-02	downward
5/28/2014	845.28	845.44	779.38	744.28	-0.16	35.1	-4.6E-03	upward
7/22/2014	847.61	846.05	779.38	744.28	1.56	35.1	4.4E-02	downward

MW9PP/MW9PPPP Vertical Hydraulic Gradient Calculation

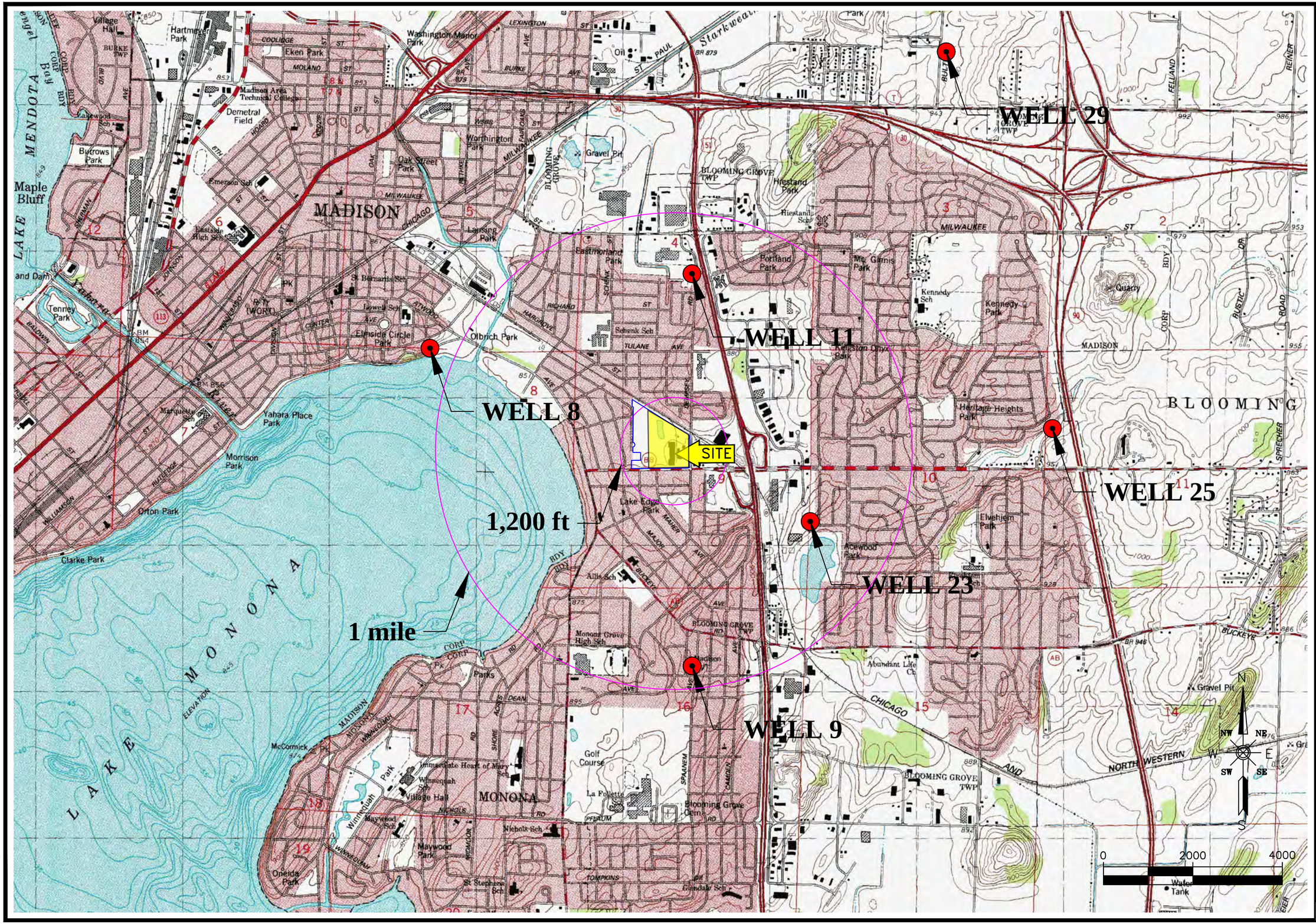
Well TOC	MW9PPP 854.68	MW9PPPP 855.81	MW9PPP Screen Midpoint Elev	MW9PPPP Screen Midpoint Elev	Change in Head (ΔH)	Change in Distance (ΔL)	Vertical Gradient	Vetical Flow Direction
Date	Potentiometric Surface Elevation							
12/5/2013	844.03	842.64	744.28	638.31	1.39	105.97	1.3E-02	downward
12/13/2013	844.44	843.39	744.28	638.31	1.05	105.97	9.9E-03	downward
12/26/2013	845.64	846.09	744.28	638.31	-0.45	105.97	-4.2E-03	upward
1/16-17/2014	845.26	842.65	744.28	638.31	2.61	105.97	2.5E-02	downward
2/26/2014	842.61	841.34	744.28	638.31	1.27	105.97	1.2E-02	downward
5/14-15/2014	845.58	844.74	744.28	638.31	0.84	105.97	7.9E-03	downward
5/19/2014	845.44	844.76	744.28	638.31	0.68	105.97	6.4E-03	downward
5/28/2014	845.44	844.31	744.28	638.31	1.13	105.97	1.1E-02	downward
7/22/2014	846.05	844.61	744.28	638.31	1.44	105.97	1.4E-02	downward

*Elevation measured from top of stick ups added to MW-6 nest (6/3/13)

Blue Bar indicates downward vertical gradient (positive vertical gradient)

Red Bar indicates upward vertical gradient (negative [-] vertical gradient)

Length of bar corresponds to the magnitude of the gradient



N:\REA11\Royster-Clark Site Remediation 110072_1\reports\Case Closure\CAD Figures\B.1.a. Location Map.dwg

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DATE
DATE
DATE
DATE

RESOURCE ENGINEERING ASSOCIATES, INC.
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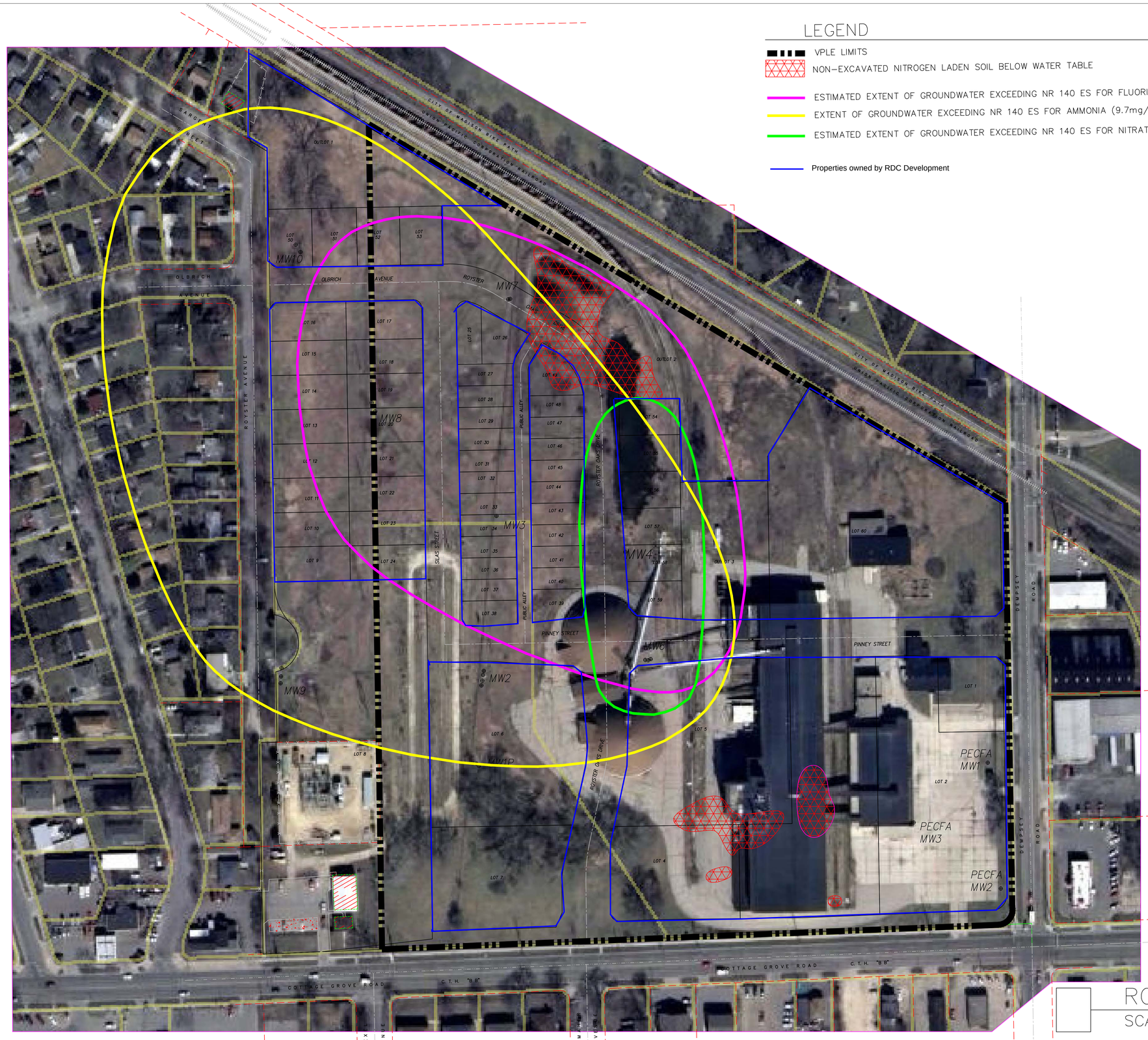
Middleton, Wisconsin 53562-2507
Phone: 608-831-5522
Fax: 608-831-6564
Web: www.reaeng.com

LOCATION MAP
CASE CLOSURE
FORMER ROYSTER CLARK SITE
902 DEMPSEY ROAD
MADISON, WI

DATE: FEB, 2014
DRAWN: RAN
CHECKED: CTC
APPROVED: CTC
DRAWING NAME: 110072.1
PROJECT NUMBER: 110072.1

Figure B.1.a



ROYSTER CORNERS

SCALE 1"=80' (@ 24x36)

FOR INFORMATION ONLY

RUEDEBUSCH DEVELOPMENT & CONSTRUCTION
DEVELOPMENT • CONSTRUCTION • BROKERAGE • CONSULTING
4605 DOYLE TRAIL DRIVE MADISON, WI 53704
PHONE 608.249.2012 FAX 608.249.2022

ROYSTER CORNERS DEVELOPMENT

DATE:

NO. REVISION:

SHEET TITLE:
Detailed Site Map

DESIGNED BY:	xxx
DRAWN BY:	xxx
CHECKED BY:	DAN
DATE:	6.18.14

SHEET NO:
Figure B.1.b.

Map Created on Jul 18, 2013

0 500 1000 1500 ft.

Map created on Jul 18, 2013
Note: Not all RR Sites have been geo-located yet.

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

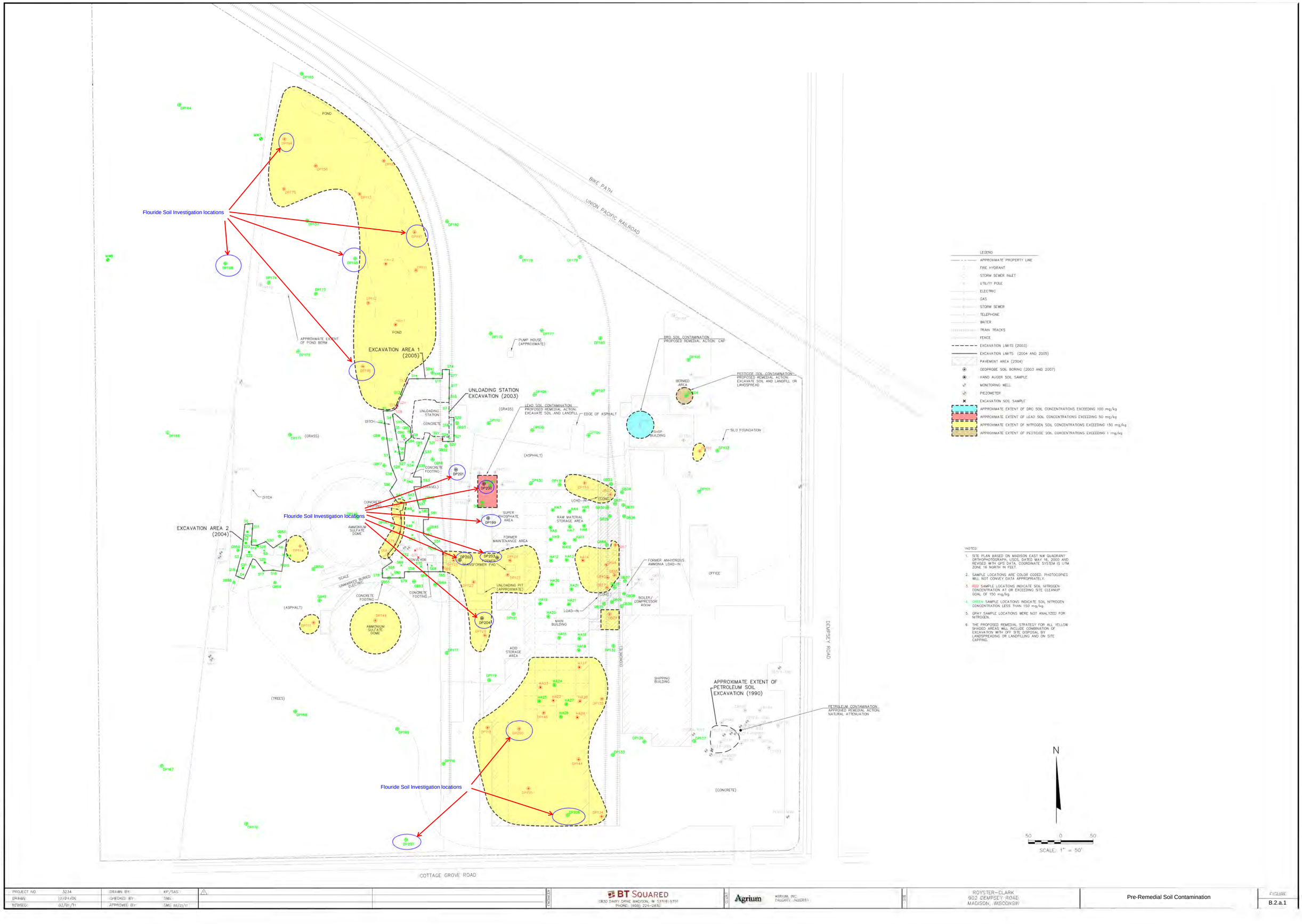
Legend

- Open Sites (ongoing cleanups)
- Open Sites (ongoing cleanups) - site boundaries shown
- Closed Sites (completed cleanups)
- Closed Sites (completed cleanups) - site boundaries shown
- County Boundary
- Railroads
- County Roads (WDOT)
- County Trunk Highway
- State and U.S. Highways (WDOT)
- State Trunk Highway
- US Highway
- Interstate Highways (WDOT)
- Interstate Highway
- Local Roads (WDOT)
- Civil Towns
- Civil Town
- 24K Open Water
- 24K Rivers and Shorelines
- Municipalities

Figure B.1.c
RR Site Map

N

Scale: 1:5,000

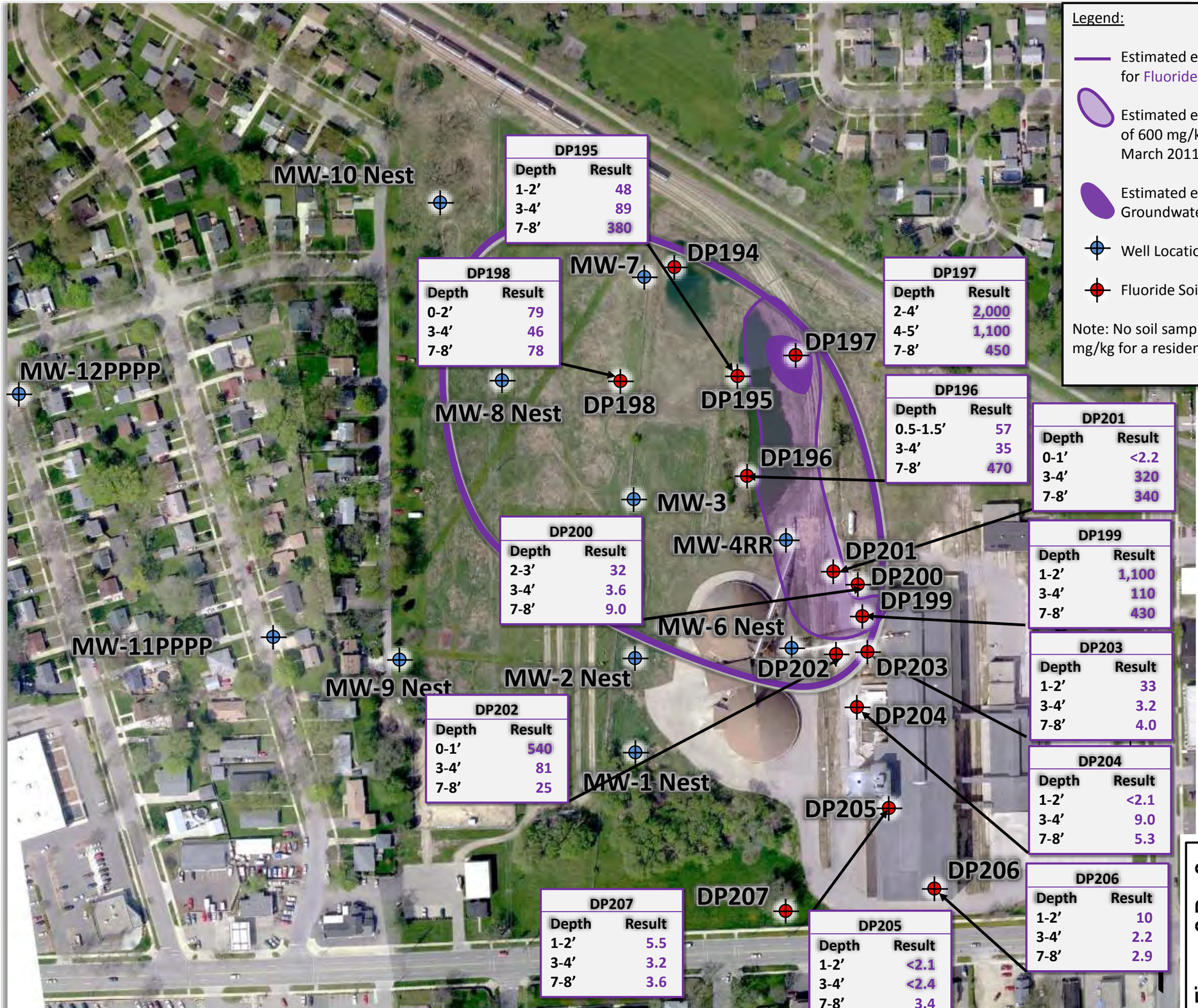


PROJECT NO:	3234	DRAWN BY:	KP/SAS		ENGINEER	BT SQUARED 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT: Agrium AGRIUM, INC. CALGARY, ALBERTA
DRAWN:	10/24/06	CHECKED BY:	SMS				
REVISED:	02/01/11	APPROVED BY:	SMS 02/21/11				

SITE: ROYSTER-CLARK 902 DEMPSEY ROAD MADISON, WISCONSIN

Pre-Remedial Soil Contamination

FIGURE B.2.a.1



DP195	
Depth	Result
1-2’	48
3-4’	89
7-8’	380

DP198	
Depth	Result
0-2’	79
3-4’	46
7-8’	78

DP197	
Depth	Result
2-4’	2,000
4-5’	1,100
7-8’	450

DP196	
Depth	Result
0.5-1.5’	57
3-4’	35
7-8’	470

DP201	
Depth	Result
0-1’	<2.2
3-4’	320
7-8’	340

DP200	
Depth	Result
2-3’	32
3-4’	3.6
7-8’	9.0

DP199	
Depth	Result
1-2’	1,100
3-4’	110
7-8’	430

DP203	
Depth	Result
1-2’	33
3-4’	3.2
7-8’	4.0

DP202	
Depth	Result
0-1’	540
3-4’	81
7-8’	25

DP204	
Depth	Result
1-2’	<2.1
3-4’	9.0
7-8’	5.3

DP207	
Depth	Result
1-2’	5.5
3-4’	3.2
7-8’	3.6

DP205	
Depth	Result
1-2’	<2.1
3-4’	<2.4
7-8’	3.4

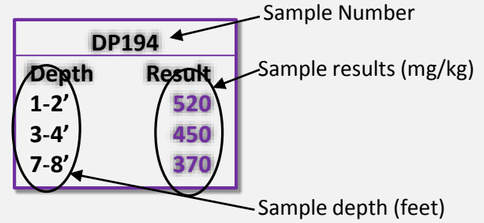
DP206	
Depth	Result
1-2’	10
3-4’	2.2
7-8’	2.9

Legend:

- Estimated extent of groundwater exceeding NR 140 ES for Fluoride (4 mg/L) July 2014
- Estimated extent of Fluoride in soil exceeding Cleanup Goal of 600 mg/kg (based on Groundwater Protection Standard March 2011
- Estimated extent of Fluoride in soil exceeding current NR 720 Groundwater Protection Standard of 1,201 mg/kg
- Well Location
- Fluoride Soil Sampling Location

Note: No soil samples exceed the current direct contact standard of 3,130 mg/kg for a residential exposure scenario.

Notes:



Underline indicates sample result exceeds the current NR 720 Groundwater Protection Standard 1,200 mg/kg (based on the dilution attenuation factor of 2.0)

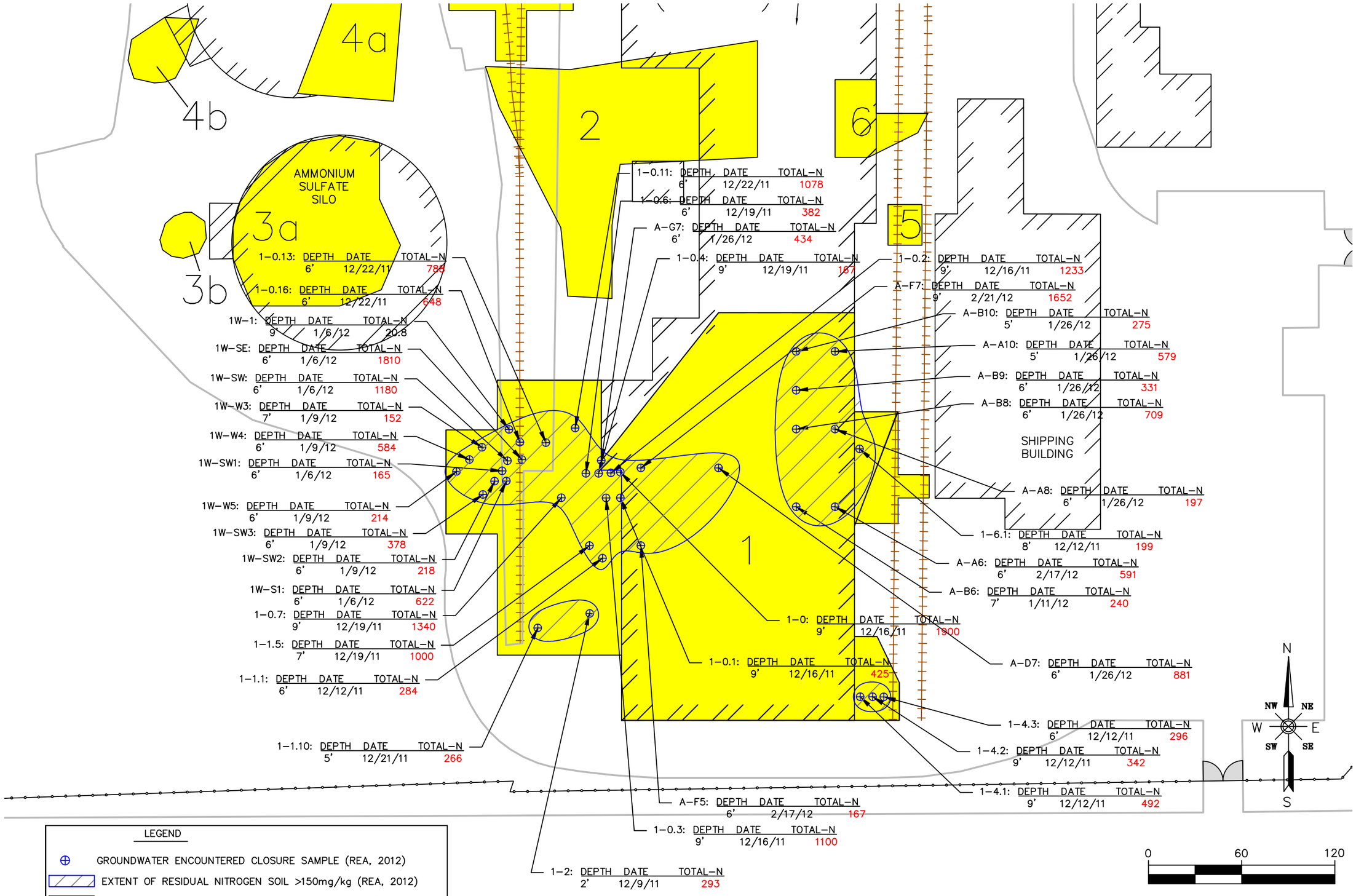
Imagery provided by Pictometry Online Imagery Service, dated May 2007

Figure 2.B.a.2

200 South Executive Drive, Suite 101
Brookfield, Wisconsin 53005

Pre-Remedial Soil Contamination

Distribution of Fluoride In Soil
Former Royster-Clark
Madison, Wisconsin



REVISIONS:
DATE
DATE
DATE
DATE

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3510 Parmenter St., Suite 100
Middleton, Wisconsin 53562-2507
Phone: 608-831-5522
Fax: 608-831-6564
Web: www.reaeng.com

RESOURCE ENGINEERING ASSOCIATES, INC.

POST-REMEDIAL SOIL CONTAMINATION
SOIL REMEDIATION AREA (A)
FORMER ROYSTER CLARK SITE
902 DEMPSEY ROAD
MADISON, WI

DATE: JULY, 2014
DRAWN: RAN
CHECKED: CTC
APPROVED: CTC
DRAWING NAME: 110072.1
PROJECT NUMBER: 110072.1

FIGURE B.2.b.1

A20: DEPTH DATE TOTAL-N
6' 12/21/11 229

C18: DEPTH DATE TOTAL-N
6' 12/15/11 346

B18: DEPTH DATE TOTAL-N
6' 12/15/11 274

D18: DEPTH DATE TOTAL-N
5' 12/15/11 303

E18: DEPTH DATE TOTAL-N
4' 12/21/11 182

F18: DEPTH DATE TOTAL-N
4' 12/19/11 1020

E17: DEPTH DATE TOTAL-N
5' 12/13/11 824

D16: DEPTH DATE TOTAL-N
5' 12/20/11 1340

A16: DEPTH DATE TOTAL-N
6' 12/20/11 632

D14: DEPTH DATE TOTAL-N
1' 12/12/11 781

D13: DEPTH DATE TOTAL-N
5' 12/12/11 732

A14: DEPTH DATE TOTAL-N
6' 12/20/11 636

B13: DEPTH DATE TOTAL-N
6' 12/15/11 592

C13: DEPTH DATE TOTAL-N
7' 12/15/11 776

C12: DEPTH DATE TOTAL-N
6' 12/19/11 440

D12: DEPTH DATE TOTAL-N
6.5' 12/19/11 888

E12: DEPTH DATE TOTAL-N
6' 12/19/11 443

C11: DEPTH DATE TOTAL-N
4' 12/20/11 450

D11: DEPTH DATE TOTAL-N
5' 12/20/11 1550

E15: DEPTH DATE TOTAL-N
6.5' 12/13/11 288

E14: DEPTH DATE TOTAL-N
9' 12/13/11 254

G14: DEPTH DATE TOTAL-N
6' 12/15/11 194

E13: DEPTH DATE TOTAL-N
6' 12/15/11 1140

I13: DEPTH DATE TOTAL-N
6' 12/28/11 690

I12: DEPTH DATE TOTAL-N
6.5' 12/28/11 534

J11: DEPTH DATE TOTAL-N
6' 12/28/11 178

H12: DEPTH DATE TOTAL-N
6' 12/27/11 928

H11: DEPTH DATE TOTAL-N
6' 12/27/11 716

I11: DEPTH DATE TOTAL-N
6.5' 12/28/11 214

POND

LEGEND

- GROUNDWATER ENCOUNTERED CLOSURE SAMPLE (REA, 2012)
- EXTENT OF RESIDUAL NITROGENT SOIL >150mg/kg (REA, 2012)
- EXTENT OF EXCAVATED NITROGEN SOIL >150 mg/kg (REA, 2012)

N
NW NE
W E
SW SE
S

0 60 120

REVISIONS:
DATE
DATE
DATE
DATE

Resource Engineering Associates, Inc.
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Middleton, Wisconsin 53562-2507
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Fax: 608-831-6564
Web: www.reaeng.com

RESOURCE ENGINEERING ASSOCIATES, INC.

POST-REMEDIAL SOIL CONTAMINATION
SOIL REMEDIATION AREA (B)
FORMER ROYSTER CLARK SITE
902 DEMPSEY ROAD
MADISON, WI

DATE: JULY, 2014
DRAWN: RAN
CHECKED: CTC
APPROVED: CTC
DRAWING NAME: 110072.1
PROJECT NUMBER: 110072.1

FIGURE
B.2.b.2

POND

Pesticide E: DEPTH DATE PESTICIDE AMOUNT
2' 1/9/12 NA ND

Pesticide N: DEPTH DATE PESTICIDE AMOUNT
2' 1/9/12 NA ND

Pesticide NE: DEPTH DATE PESTICIDE AMOUNT
8' 1/13/12 NA ND

Pesticide W: DEPTH DATE PESTICIDE AMOUNT
2' 1/9/12 NA ND

Pesticide SW: DEPTH DATE PESTICIDE AMOUNT
6' 1/10/12 Atrazine 370 ug/kg
6' 1/10/12 Prometon 84 ug/kg
6' 1/10/12 Trifluralin 510 ug/kg

PESTICIDE SOIL CONTAMINATION

Pesticide S: DEPTH DATE PESTICIDE AMOUNT
2' 1/9/12 NA ND

DRO SOIL CONTAMINATION

MAINTENANCE BUILDING

South Maintenance Wall: DEPTH DATE
2' 1/12/12*

Lead NW: DEPTH DATE LEAD
4' 1/9/12 14.6 mg/kg

Lead NE2: DEPTH DATE LEAD
8' 1/16/12 1.1 mg/kg

LEAD SOIL CONTAMINATION

Lead SW2: DEPTH DATE LEAD
8' 1/16/12 1.4 mg/kg

Lead SE2: DEPTH DATE LEAD
8' 1/16/12 0.91 mg/kg

*DRO sampling locations indicate progress samples. DRO contamination limits were determined using odor/visual indicators.

Inside Pipe: DEPTH DATE
2' 1/12/12*

South Maintenance Floor: DEPTH DATE
3' 1/12/12*

4 (add.)

AMMONIUM SULFATE SILO

2 (add.)

7

8

6

2

4b

AMMONIUM

LEGEND

- CLOSURE SAMPLE (REA, 2012)
- EXTENT OF EXCAVATED NITROGEN SOIL >150 mg/kg (REA, 2012)
- EXTENT OF EXCAVATED DRO SOIL >100 mg/kg (REA, 2012)
- EXTENT OF EXCAVATED LEAD SOIL >250 mg/kg (REA, 2012)
- EXTENT OF EXCAVATED PESTICIDE SOIL >1 mg/kg (REA, 2012)

N
NW NE
W E
SW SE
S

0 50 100

REVISIONS:
DATE
DATE
DATE
DATE

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Resource Engineering Associates, Inc.
3510 Parmenter St., Suite 100
Middleton, Wisconsin 53562-2507
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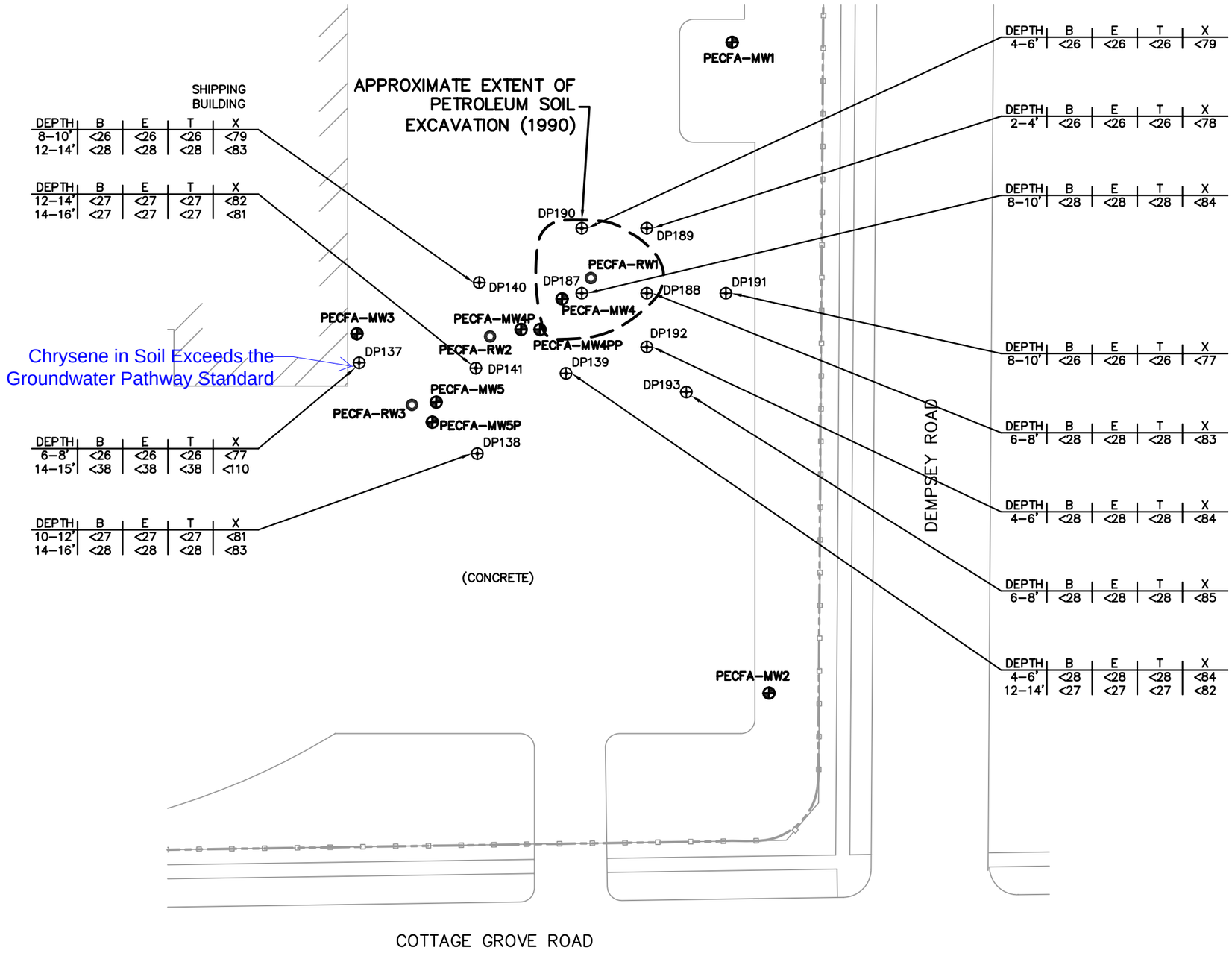
Fax: 608-831-6564
Web: www.reaeng.com

POST-REMEDIAL SOIL CONTAMINATION SOIL REMEDIATION AREA (C) FORMER ROYSTER CLARK SITE 902 DEMPSEY ROAD MADISON, WI

DATE: JULY, 2014
DRAWN: RAN
CHECKED: CTC
APPROVED: CTC
DRAWING NAME: 110072.1
PROJECT NUMBER: 110072.1

FIGURE B.2.b.3



LEGEND

- FIRE HYDRANT
- STORM SEWER INLET
- UTILITY POLE
- E — ELECTRIC
- G — GAS
- ST — STORM SEWER
- T — TELEPHONE
- W — WATER
- TRAIN TRACKS
- FENCE
- GEOPROBE SOIL BORING
- MONITORING WELL
- RECOVERY WELL
- B — BENZENE (µg/kg)
- E — ETHYLBENZENE (µg/kg)
- T — TOLUENE (µg/kg)
- X — XYLENES (µg/kg)

NOTES:

1. SITE PLAN BASED ON MADISON EAST NW QUADRANT ORTHOPHOTOGRAPH, USGS, DATED MAY 16, 2000 AND REVISED WITH GPS DATA. COORDINATE SYSTEM IS UTM ZONE 16 NORTH IN FEET.
2. NOT ALL RESULTS SHOWN. FOR COMPLETE RESULTS SEE LABORATORY REPORTS.

N

40 0 40

SCALE: 1" = 40'

PROJECT NO.	3234	DRAWN BY:	KP	ENGINEER	BT SQUARED 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	AGRIUM, INC. CALGARY, ALBERTA
DRAWN:	10/24/06	CHECKED BY:	SMS				
REVISED:	05/27/10	APPROVED BY:	SMS 06/02/10			SITE	ROYSTER-CLARK 902 DEMPSEY ROAD MADISON, WISCONSIN

Post-Remedial Soil Contamination
LUST Site

FIGURE
B.2.b.4

I:\3234\figures-general\PECFA-WELLS.dwg, 6/7/2010 2:07:22 PM

Former Royster Clark

BRRTS No. 02-13-547242

Figure B.2.c
Pre/Post Remaining Soil Contamination

Not Applicable. No soil samples exceeding the site-specific soil RCLs remain in the unsaturated soil after completion of the remedial action at the Site.

MW-11PPPP

MW-9 Nest

MW-2 Nest

MW-6 Nest

0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220

Clay

Silty Sand

Sand & Gravel

Sand & Gravel

Weathered Bedrock

Shale Lens

Competent Bedrock

Legend:

Estimated extent of groundwader exceeding NR 140 Enforcement Standards

Vertical : Horizontal Scale = 1.5 : 1

Screen Interval

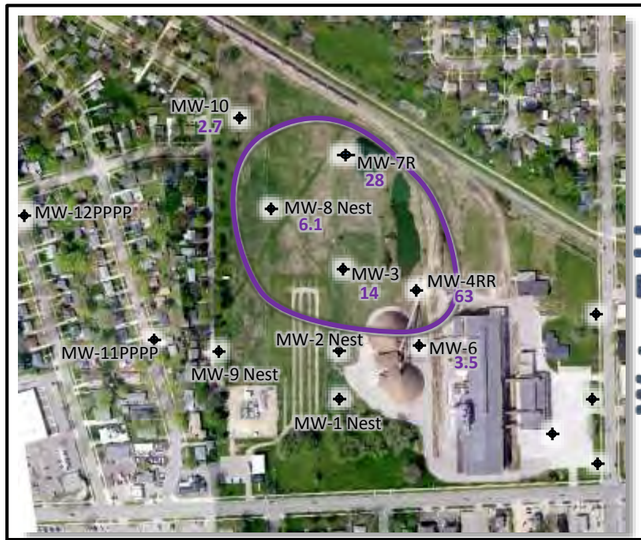
Confining Shale Unit of the Eau Claire Formation

Lower Eau Claire and Mt. Simon Formations

FIGURE B.3.a

200 South Executive Drive, Suite 101
Brookfield, Wisconsin 53005

Geologic Cross-Section
Former Royster-Clark
Madison, Wisconsin



Water Table

Mid-Level Piezometers

Bedrock Piezometers

Areal Extent

Legend:

- Estimated extent of groundwater exceeding NR 140 ES for Fluoride (4 mg/L)
- 0.062 Fluoride Concentration (mg/L)
  * Indicates sample collected during vertical profiling
- Well Location

Imagery provided by Pictometry Online Imagery Service, dated May 2007

Figure B.3.b.1
Groundwater Isoconcentration

200 South Executive Drive, Suite 101
Brookfield, Wisconsin 53005

Distribution of Fluoride In Groundwater - July 2014
Former Royster-Clark
Madison, Wisconsin

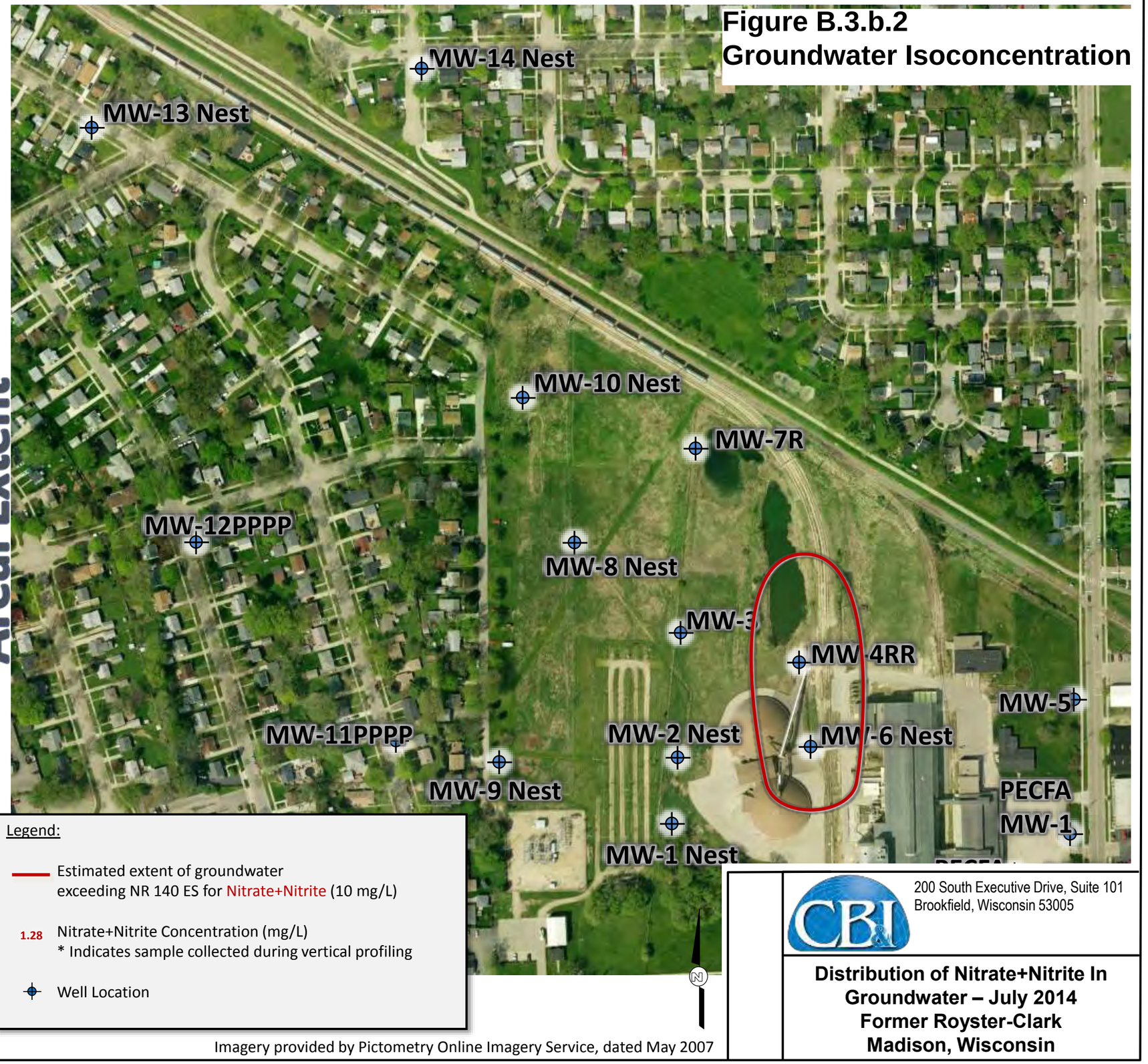
Figure B.3.b.2
Groundwater Isoconcentration

Water Table

Mid-Level Piezometers

Bedrock Piezometers

Areal Extent



Legend:

- Estimated extent of groundwater exceeding NR 140 ES for Nitrate+Nitrite (10 mg/L)
- 1.28 Nitrate+Nitrite Concentration (mg/L)
  * Indicates sample collected during vertical profiling
- Well Location

Imagery provided by Pictometry Online Imagery Service, dated May 2007

CBI
200 South Executive Drive, Suite 101
Brookfield, Wisconsin 53005

Distribution of Nitrate+Nitrite In Groundwater – July 2014
Former Royster-Clark
Madison, Wisconsin

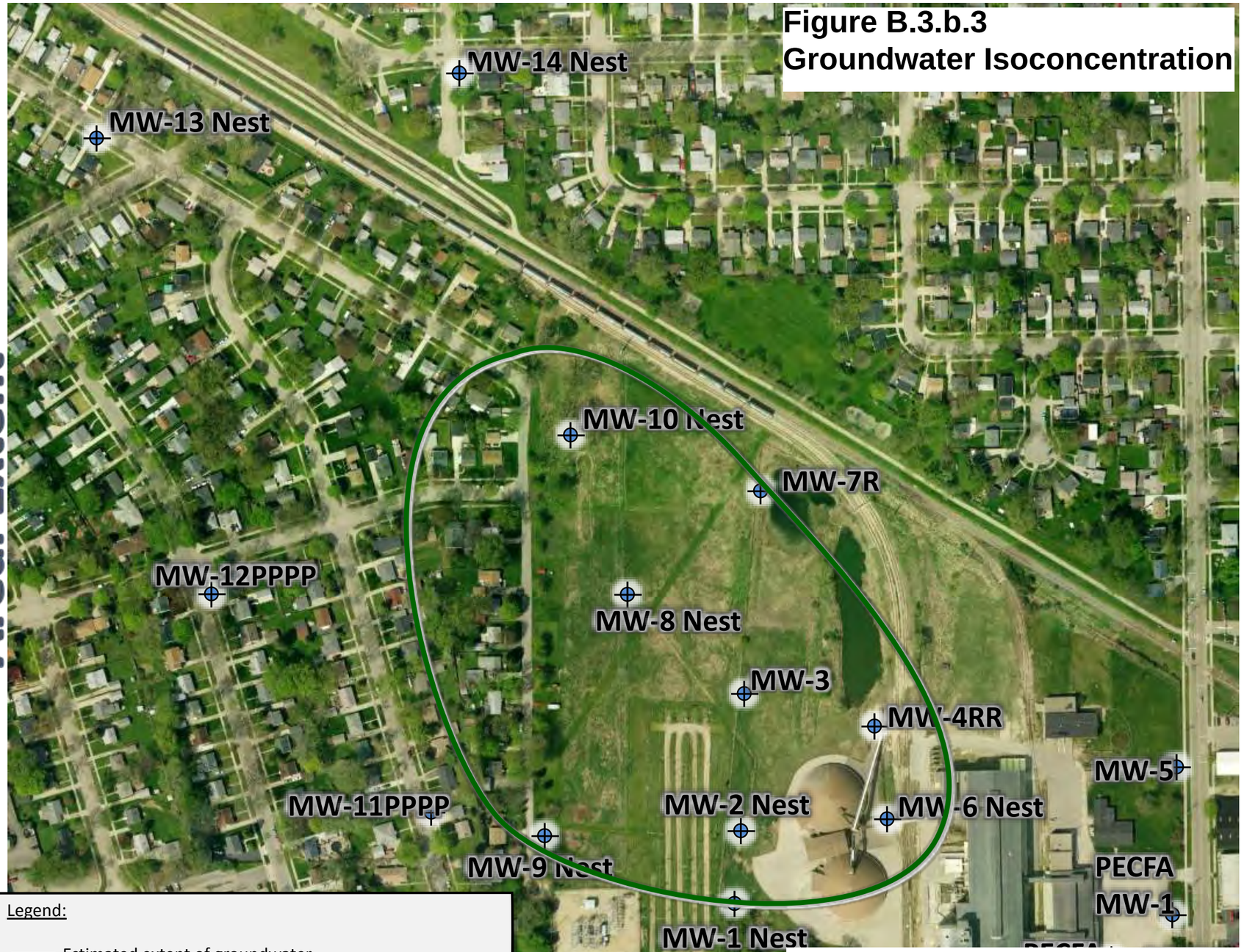
Figure B.3.b.3
Groundwater Isoconcentration

Water Table

Mid-Level Piezometers

Bedrock Piezometers

Areal Extent



Legend:

- Estimated extent of groundwater exceeding NR 140 ES for Ammonia (9.7 mg/L)
- 62.9 Ammonia Concentration (mg/L)
- Well Location

Imagery provided by Pictometry Online Imagery Service, dated May 2007

CBI
200 South Executive Drive, Suite 101
Brookfield, Wisconsin 53005

Distribution of Ammonia In Groundwater - July 2014
Former Royster-Clark
Madison, Wisconsin

Legend:

(849.08) Potentiometric Surface Elevation (msl)

Potentiometric Contour [850.00 feet msl]

Groundwater Flow Vector

Well Location

1.0-foot Contour Interval

N

Figure B.3.c.1
Groundwater Flow Direction

Imagery provided by Pictometry Online Imagery Service, dated 2007

CBI

200 South Executive Drive, Suite 101
Brookfield, Wisconsin 53005

Potentiometric Surface – Water Table Wells – July 22, 2014
Former Royster-Clark
Madison, Wisconsin

Figure B.3.c.2
Groundwater Flow Direction

Imagery provided by Pictometry Online Imagery Service, dated May 2007

200 South Executive Drive, Suite 101
Brookfield, Wisconsin 53005

Potentiometric Surface – 45-foot Piezometers – July 22, 2014
Former Royster-Clark
Madison, Wisconsin

Legend:

(845.79) Potentiometric Surface Elevation (msl)

Potentiometric Contour [*846.00* feet msl]

Groundwater Flow Vector

Well Location

1.0-foot Contour Interval

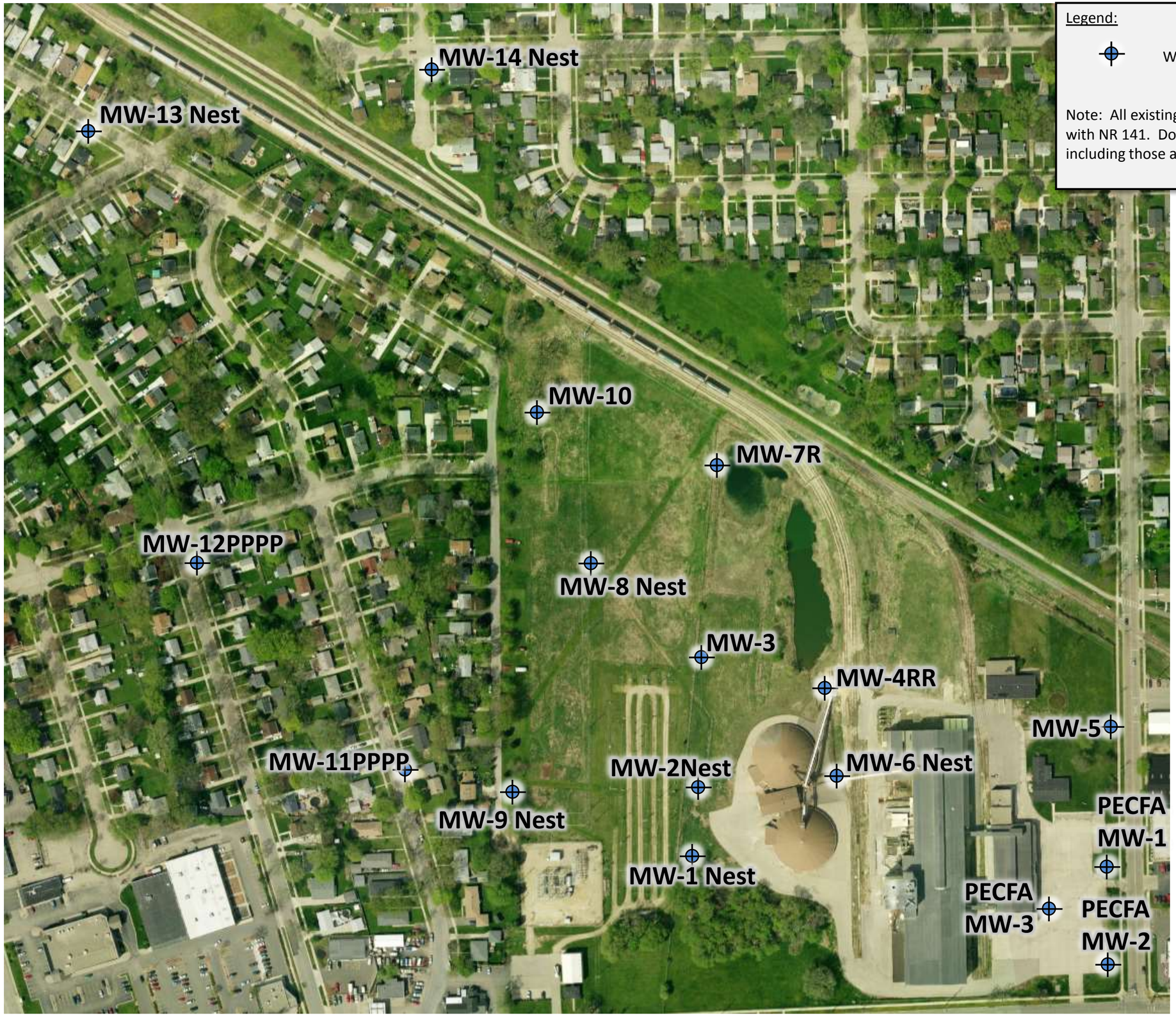
N

Figure B.3.c.3
Groundwater Flow Direction

Imagery provided by Pictometry Online Imagery Service, dated May 2007

CBI
200 South Executive Drive, Suite 101
Brookfield, Wisconsin 53005

Potentiometric Surface – Bedrock Wells – July 22, 2014
Former Royster-Clark
Madison, Wisconsin



Legend:

Well Location

Note: All existing wells are shown and will be abandon in accordance with NR 141. Documentation regarding the previously abandon wells, including those associated with the PECFA Site, has been submitted.

N

Imagery provided by Pictometry Online Imagery Service, dated 2007

FIGURE B.3.d

CBI
200 South Executive Drive, Suite 101
Brookfield, Wisconsin 53005

Monitoring Wells
Former Royster-Clark
Madison, Wisconsin

Former Royster Clark

BRRTS No. 02-13-547242

Figure B.4.a
Vapor Intrusion

Not Applicable. Vapor intrusion does not represent a risk at the Site; therefore, no vapor samples were collected.

Former Royster Clark

BRRTS No. 02-13-547242

Figure B.4.b
Other Media of Concern

Not Applicable. No other media of concern were sampled as part of the investigation and remediation of the Site.

N:\REA11\Royster-Clark Site Remediation 110072_1\reports\Case Closure\CAD Figures\Depth to Saturation.dwg

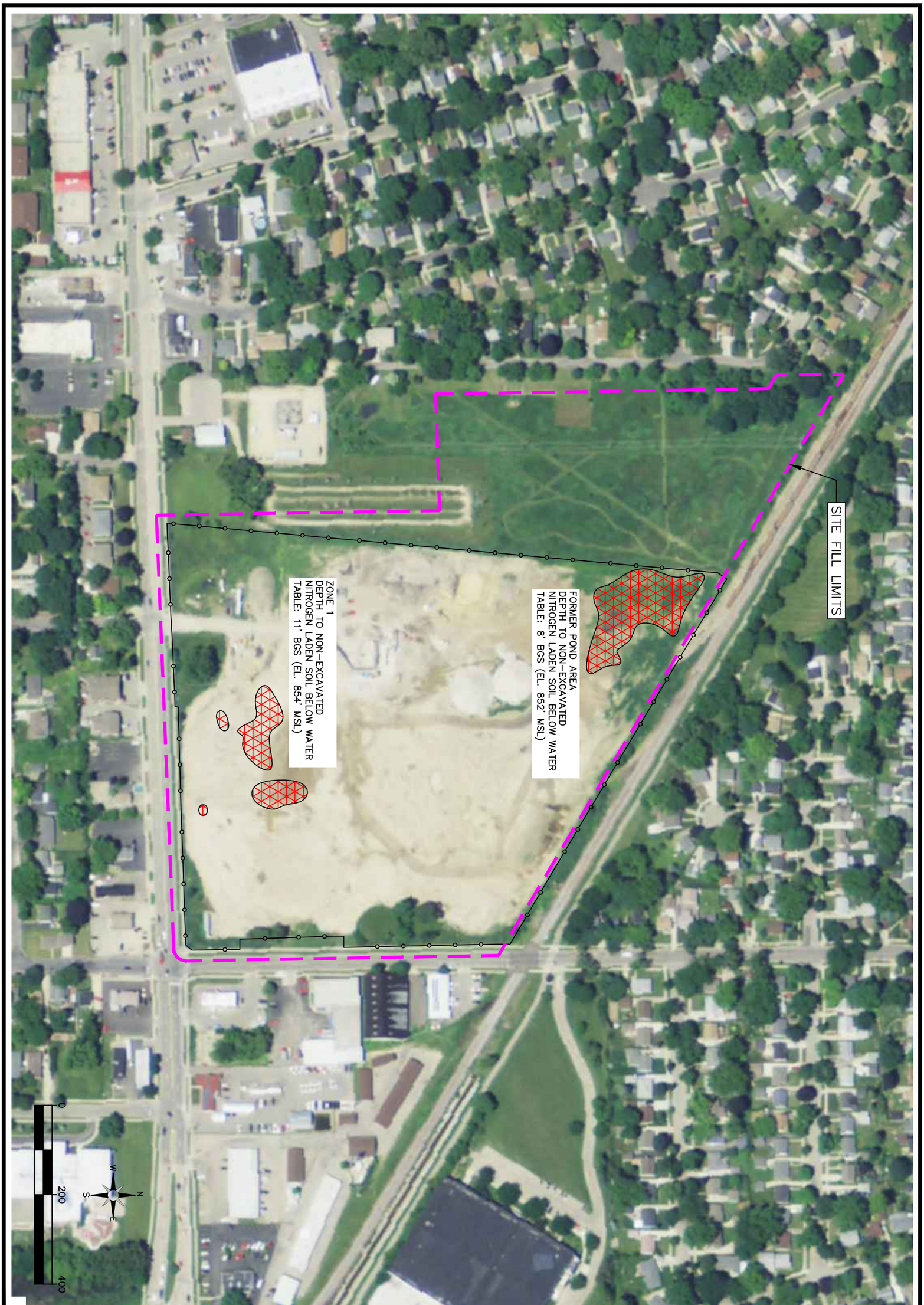


Figure B.4.c

NON-EXCAVATED NITROGEN SOIL
CASE CLOSURE
FORMER ROYSTER CLARK SITE
902 DEMPSEY ROAD
MADISON, WI

DATE: SEP, 2014
DRAWN: RAN
CHECKED: CTC
APPROVED: CTC
DRAWING NAME: 110072.1
PROJECT NUMBER: 110072.1

RESOURCE ENGINEERING ASSOCIATES, INC.
Resource Engineering Associates, Inc.
3510 Parmenter St., Suite 100
Middleton, Wisconsin 53562-2507
Phone: 608-831-5522
Fax: 608-831-6564
Web: www.reaeng.com

REVISIONS:
DATE
DATE
DATE
DATE

Documentation of Remedial Action (Attachment C)

DISCLAIMER

Documents contained in Attachment C of the Case Closure – GIS Registry (Form 4400-202) are not included in the electronic version (GIS Registry Packet) available on RR Sites Map to limit file size.

For information on how to obtain a copy or to review the file, please contact the Remediation & Redevelopment (RR) Environmental Program Associate (EPA) at dnr.wi.gov/topic/Brownfields/Contact.html

Former Royster Clark

BRRTS No. 02-13-547242

Attachment D

As specified in Section 4 of the Closure form, no residual soils were identified that exceeded the residential direct contact standards. The LUST site was closed by the WDNR in January 2011 with the continuing obligation of maintaining an impermeable cap. The continuing obligation of maintaining an impermeable cap was temporarily suspended in accordance with the follow documnets:

Ruedebusch Development &Construction (RDC), March 14, 2012, Royster Clark Remedial Action Plan-Cap Replacement.

WI DNR, March 16, 2012, Cap Maintenance Plan at the former Royster Clark Site.

Former Royster Clark

BRRTS No. 02-13-547242

Attachment E

All wells have been or will be abandon in accordance with NR 141.

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Impacted Property Notification

Form 4400-246 (R 10/12)

Notice: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, where specific circumstances exist at the time of case closure. This form applies to situations where: (1) the party conducting the cleanup does not own the source property; (2) contamination has impacted a neighboring property to a certain degree; and (3) not all monitoring wells can/will be abandoned at the time of closure. A letter notifying these property owners is required of the responsible party if certain circumstances exist. The DNR's "Guidance on Case Closure and the Requirements for Managing Continuing Obligations" (PUB-RR-606) specifies those notification requirements. A model "Template for Notification of Residual Contamination and Continuing Obligations" (PUB-RR-919) can be downloaded at: http://dnr.wi.gov/files/PDF/pubs/rr/RR919.pdf. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS No. 06-13-550137, 06-13-561159, 02-13-547242 DATCP Case # 02402110601	Activity Name Royster-Clark

						Letter Sent To:			Reasons Letter Sent:							
ID	Impacted Property Address	Parcel No.	Date of Letter	WTMX	WTMY	Source Property Owner is not RP	Right of Way Government or Other	Impacted Off-Site Property Owner	Groundwater Exceeds ES	Residual Soil Exceeds Standards	Cap/Engineerd Control	Industrial Use Soil Standards	Vapor System in Place	Vapor Asmt Needed if use Changes	Structural Impediment	Lost, Transferred or Open Wells
1	3748 Sargent St. Madison WI 53714	251/0710-092-1517-2	08/11/2014	575235	290798			X	X							
2	3749 Sargent St. Madison WI 53714	251/0710-092-1614-6	08/11/2014	575197	290768			X	X							
3	3753 Sargent St. Madison WI 53714	251/0710-092-1613-8	08/11/2014	575217	290763			X	X							
4	3610 Olbrich Ave. Madison WI 53714	251/0710-092-1609-7	08/11/2014	575171	290723			X	X							
5	3614 Olbrich Ave. Madison WI 53714	251/0710-092-1610-4	08/11/2014	575189	290723			X	X							
6	3618 Olbrich Ave. Madison WI 53714	251/0710-092-1611-2	08/11/2014	575207	290724			X	X							
7	3622 Olbrich Ave. Madison WI 53714	251/0710-092-1612-0	08/11/2014	575230	290726			X	X							
8	3601 Olbrich Ave. Madison WI 53714	251/0710-092-1714-4	08/11/2014	575162	290674			X	X							

DATCP # 02402110601 Royster-Clark
BRRTS No. Activity (Site) Name

Impacted Property Notification

Form 4400-246 (R 10/12)

						Letter Sent To:			Reasons Letter Sent:							
ID	Impacted Property Address	Parcel No.	Date of Letter	WTMX	WTMY	Source Property Owner is not RP	Right of Way Government or Other	Impacted Off-Site Property Owner	Groundwater Exceeds ES	Residual Soil Exceeds Standards	Cap/Engineerd Control	Industrial Use Soil Standards	Vapor System in Place	Vapor Asmt Needed if use Changes	Structural Impediment	Lost, Transferred or Open Wells
9	3806 Clover Ln. Madison WI 53714	251-0710-092-1715-2	08/11/2014	575159	290655			X	X							
10	3810 Clover Ln. Madison WI 53714	251/0710-092-1716-0	08/11/2014	575163	290637			X	X							
11	3814 Clover Ln. Madison WI 53714	251/0710-092-1717-8	08/11/2014	575168	290620			X	X							
12	3818 Clover Ln. Madison WI 53714	251/0710-092-1718-6	08/11/2014	575172	290605			X	X							
13	3822 Clover Ln. Madison WI 53714	251/0710-092-1719-4	08/11/2014	575176	290587			X	X							
14	3826 Clover Ln. Madison WI 53714	251/0710-092-1720-1	08/11/2014	575187	290567			X	X							
15	3830 Clover Ln. Madison WI 53714	251/0710-092-1721-9	08/11/2014	575190	290546			X	X							
16	3834 Clover Ln. Madison WI 53714	251/0710-092-1722-7	08/11/2014	575197	290527			X	X							
17	3838 Clover Ln. Madison WI 53714	251-0710-092-1723-5	08/11/2014	575205	290500			X	X							
18	3617 Olbrich Ave. Madison WI 53714	251/0710-092-1713-6	08/11/2014	575198	290682			X	X							
19	3621 Olbrich Ave. Madison WI 53714	251/0710-092-1712-8	08/11/2014	575229	290682			X	X							
20	809 Royster Ave. Madison WI 53714	251/0710-092-1711-0	08/11/2014	575225	290654			X	X							

DATCP # 02402110601 Royster-Clark
BRRTS No. Activity (Site) Name

Impacted Property Notification

Form 4400-246 (R 10/12)

ID	Impacted Property Address	Parcel No.	Date of Letter	WTMX	WTMY	Letter Sent To:			Reasons Letter Sent:							
						Source Property Owner is not RP	Right of Way Government or Other	Impacted Off-Site Property Owner	Groundwater Exceeds ES	Residual Soil Exceeds Standards	Cap/Engineerd Control	Industrial Use Soil Standards	Vapor System in Place	Vapor Asmt Needed if use Changes	Structural Impediment	Lost, Transferred or Open Wells
21	813 Royster Ave. Madison WI 53714	251/0710-092-1710-2	08/11/2014	575225	290634			X	X							
22	817 Royster Ave. Madison WI 53714	251/0710-092-1709-5	08/11/2014	575223	240614			X	X							
23	821 Royster Ave. Madison WI 53714	251/0710-092-1708-7	08/11/2014	575228	290600			X	X							
24	825 Royster Ave. Madison WI 53714	251/0710-092-1707-9	08/11/2014	575229	290578			X	X							
25	829 Royster Ave. Madison WI 53714	251/0710-092-1706-1	08/11/2014	575231	290556			X	X							
26	833 Royster Ave. Madison WI 53714	251/0710-092-1705-3	08/11/2014	575229	290534			X	X							
27	837 Royster Ave. Madison WI 53714	251/0710-092-1704-5	08/11/2014	575232	290501			X	X							
28	310 Cottage Grove Road Madison WI 53714 (Lot 8 - MG&E) *	251/0710-092-1728-5	8/11, 8/14 & 8/26/2014	575283	290496	X		X	X							
29	801 Royster Oaks Dr. Madison WI 53714 ** (Outlot 2 -- see below)	251/0710-092-2522-0	8/11/2014 & 8/14/2014	575442	290687	X		X	X	X						
30	City Right of way (Existing ROW and ROW on Royster Corners plat)	----	8/11/2014 & 8/14/2014				X		X	X						

* A portion of Lot 8 is known as Parcel C, which was part of the source property for VPLE purposes.

** (Outlot 2 Dedicated to City for stormwater management per Royster Corners plat.) This parcel was part of the former Royster Clark site, but is now owned by the City

DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 2
WARRANTY DEED

DANE COUNTY
REGISTER OF DEEDS
DOCUMENT #
3969873
09/21/2004 10:05:21AM
Trans. Fee: 410.70
Exempt #:
Rec. Fee: 11.00
Pages: 1

000446

Diana M. Krause, an unmarried person

conveys and warrants to **Christopher J. Feyrer and Jamie L. Annear-Feyrer, Husband and Wife,**

the following described real estate in **DANE** County, State of Wisconsin:

RETURN TO
Christopher J. Feyrer and Jamie L. Annear-Feyrer
3748 Sargent St.
Madison, WI 53714

Tax Parcel No: 251-0710-092-1517-2

Lot 10, Block 9, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

This _____is_____ homestead property.
(is)(is not)

Exception to warranties: **Municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, and further except 2004 real estate taxes.**

Dated this **15th** day of **September, 2004.**

_____ (SEAL)
*_____

*Diana M. Krause (SEAL)

_____ (SEAL)
*_____

_____ (SEAL)
*_____

AUTHENTICATION

C. L. Zimmer
Notary Public
State of Wisconsin

Signatures authenticated this **15th** day of September, 2004

_____
*_____
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Attorney Perry J. Armstrong
Madison, Wisconsin

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN
Dane County } ss.

Personally came before me on **September 15th, 2004** the above named **Diana M. Krause** to me known to be the person who executed the foregoing instrument and acknowledge the same.

_____
* C. L. Zimmer
Notary Public, Dane County, Wis.
My Commission is permanent.
(If not, state expiration date: 3/10/09)

*Names of persons signing in any capacity should be typed or printed below their signatures.

WARRANTY DEED

TERMINATION OF DECEDENT'S PROPERTY INTEREST

- Joint Tenancy or Life Estate Termination [s. 867.045] or
- Summary Confirmation of Interest in Property [s. 867.046]

REGISTER OF DEEDS
DANE COUNTY WI
94 JUL 11 PM 12:40

V27916P 66

2616034

Decedent's Name
Patrick T. Collins

Address of Decedent at Date of Death	City	State	Zip
3749 Sargent St.	Madison	WI	53714

Date of Death: June 11, 1994
Social Security Number: [redacted]

Presentation of Death Certificate
I certify that I have viewed a certified copy of the decedent's death certificate.

Register of Deeds signature: [signature] Date: July 11, 1994

Record this document with the Register of Deeds in the county where the real estate is located. Recording fee is $25 as per s. 867.045, 867.046.

Return to:
Harry V. Hill
Hill, Glowacki, Jaeger & Rei
P.O. Box 3006
Madison, WI 53704-0006

This interest in real estate is terminated under (check one):

X s. 867.045 which pertains to real property in which the decedent was a joint tenant,* had a vendor's or mortgagee's interest, or had a life estate. *(You must provide a copy of the deed establishing joint tenancy.)

___ s. 867.046 which pertains to (1) real property of a decedent specified in a marital property agreement, and also to (2) survivorship marital property. (You must provide a copy of the deed establishing survivorship marital property.)

Presentation of real property tax bill.
Present with this document a copy of the real property tax bill for each parcel for the year immediately preceding decedent's death.

Presentation of deed establishing joint tenancy or survivorship marital property.

This deed is found in volume/reel 814 page/image 44 of (check one) Records ___ Deeds X.

Description of the real estate.
Include only the extent of ownership (or vendor or mortgagee's interest) in land at the time of the decedent's death. If the extent of land is exactly the same as on the deed, a copy of the deed may be attached to describe the real estate.
The legal description of the property is as follows: *(If more space is needed, attach pages.)*

Lot 14, Block 8, First Addition to Olbrich Park Addition in the City of Madison

DECLARATION: I, we declare that this document is, to the best of my (our) knowledge and belief, true, correct and complete and is in conformity with the provisions and limitations of the Wisconsin Statutes. *(If more space is needed, attach pages.)*

Name and Address of Person Receiving Property	Relationship to Decedent	Signature (Notarized)	Date
Phyllis L. Collins	spouse	Phyllis L. Collins	6-30-94

AUTHENTICATION or ACKNOWLEDGEMENT

The above named person(s) was sworn to before me on (date) 6-30-94

This document was drafted by (print or type name below)
Harry V. Hill

Signature of notary or other person authorized to administer an oath (as per s. 706.06, 706.07) Pamela J. Russell

Print or type name Pamela J. Russell

State of Wisconsin, County of Dane

Title Notary Date commission expires 10-8-98

25

Wisconsin Register of Deeds Association Form HT-110 (1/92)

V27916P 67

914 44

1154G34

Office of Register of Deeds
Dane County, Wisconsin

Received for Record

THIS INDENTURE, Made this 15th day of February A.D., 1966, between Franklin F. Burhart and Sharon L. Burhart, his wife, and in her own right,

Patrick T. Collins and Phyllis L. Collins, husband and wife as joint tenants,

One Dollar ($1.00) and other good and valuable consideration

Lot ..., Block ..., First Addition to ... Park Addition, in the City of Madison.

Franklin F. Burhart and Sharon L. Burhart

except building restrictions, easements, and zoning ordinances of record.

February, A.D., 1966

Franklin F. Burhart

Sharon L. Burhart

Richard T. Gannon

STATE OF WISCONSIN,
Dane County

17th day of February A.D., 1966

Franklin F. Burhart and Sharon L. Burhart

Richard T. Gannon

Notary Public Dane County, Wis.

This instrument drafted by
Robert C. Burhart, firm of
Lowell, ..., Burhart, ... & ..., S.C.

24 1994

V279916P 68

☐ RETURN THIS PART WITH YOUR REMITTANCE

CITY OF MADISON REAL ESTATE TAXES FOR 1993

COUNTY TAX REDUCED BY $93.56 DUE TO COUNTY SALES TAX

AMOUNT ENCLOSED: ______

MAKE SURE CITY ADDRESS APPEARS IN WINDOW
CITY OF MADISON TREASURER
P.O. BOX 2999
MADISON, WI 53701-2999

0710-092-1614-6
COLLINS, PATRICK T.

3749 SARGENT ST
MADISON WI 53714-2959

JAN AMOUNT BY 01/31/94	847.44
JUL AMOUNT BY 07/31/94	965.22
TOTAL DUE BY 01/31/94	1,812.66

35 07100921614A 0001812650 0000847442 4

PA-499 (R. 9-93)
CITY TREASURER
P.O. BOX 2999
MADISON, WI 53701-2999

1993 STATEMENT OF REAL ESTATE TAXES FOR
COLLINS, PATRICK T.
3749 SARGENT ST

MUNICIPAL SOLID WASTE COLLECTION/DISPOSAL COST: [illegible]

CITY OF MADISON
COUNTY OF DANE STATE OF WISCONSIN

TAXATION DISTRICT 68 PARCEL 0710-092-1614-6
SEE REVERSE SIDE FOR IMPORTANT INFORMATION
BILL NO. 60-38439 RECEIPT NO.

☐ A STAR IN THIS BOX MEANS UNPAID PRIOR YEAR TAXES CONTACT COUNTY TREASURER.

Assessed Value LAND	Assessed Value IMPROVEMENTS	TOTAL Assessed Value	Ave. Assmt. Ratio	Estimated Fair Market Value
15,600	40,900	56,500	0.9898	57,100

1. Taxing Jurisdiction	2. Taxes Before Estimated Major State Aids & Credits	3. Estimated Major State Aids Used to Reduce Taxes	4. Taxes After Estimated Major State Aids
WISCONSIN	11.45	0.00	11.45
DANE COUNTY	261.46	28.53-	232.93
CITY OF MADISON	712.06	141.42-	570.64
MATC	126.56	35.53-	91.03
MADISON SCHOOLS	1,302.08	161.47-	1,140.61
TOTALS	2,413.61	366.95-	2,046.66

SCHOOL TAX CREDIT	116.21-
PROPERTY TAX BEFORE LOTTERY CREDIT	1930.45
IF THIS TAX BILL IS FOR YOUR PRIMARY RESIDENCE: LOTTERY CREDIT	117.79-
PROPERTY TAX AFTER LOTTERY CREDIT	1812.66

NET PROPERTY TAX BEFORE LOTTERY CREDIT		1,930.45
LOTTERY CREDIT	(1)	117.79-
OTHER		
TOTAL		1,812.66

TOTAL DUE — PAY TO CITY TREASURER BY 01/31/94 — FULL PAYMENT

OR PAY INSTALLMENTS OF: 1st INSTALLMENT 847.44 TO CITY TREASURER BY; 2nd INST. [illegible] TO COUNTY TREASURER BY [illegible]

IMPORTANT: Be Sure This Description Covers Your Property
NOTE THAT THIS DESCRIPTION IS FOR TAX BILL ONLY AND MAY NOT BE A FULL LEGAL DESCRIPTION
FIRST ADD TO ULBRICH PARK REV
[illegible]

TOTAL NET TAX RATE (Does NOT reflect lottery credit): .0341672

APPLICATION FOR THE TERMINATION OF DECEDENT'S INTEREST AND CONFIRMATION OF APPLICANT'S INTEREST IN PROPERTY

Use black ink

8221132
Tx:8139902

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4726036
12/14/2010 2:53 PM
Trans. Fee:
Exempt #:
Rec. Fee: 30.00
Pages: 2

DECEDENT'S NAME	DATE OF DEATH		
NORMA B. NARF	11-18-10		
ADDRESS OF DECEDENT AT DATE OF DEATH	CITY	ST	ZIP
3753 SARGENT STREET	MADISON	WI	53714

PRESENTATION OF DEATH CERTIFICATE
I certify that I have viewed a certified copy of the decedent's death certificate.

Kristi Chlebowski RD — 12-13-10
REGISTER OF DEEDS SIGNATURE — DATE

THE INTEREST OF THE DECEDENT IN THE PROPERTY NOTED HEREIN IS HEREBY TERMINATED/CONFIRMED UNDER THE FOLLOWING STATUTE:
(please check appropriate statute)

☒ s. 867.045 which pertains to real property in which the decedent was a joint tenant, had a vendor's or mortgagee's interest, or had a life estate. (You must provide a copy of the document establishing interest in the real property.)

☐ s. 867.046 which pertains to property of a decedent specified in a marital property agreement; survivorship marital property; or a third party confirmation; or a nonprobate transfer on death as described in s.705.10(1).
(You must provide a copy of the document establishing interest in property.)

Name and return address:
Robert Narf
3753 Sargent St
Madison WI 53714

0710-092-1613-8
Parcel Identification Number
SEND TAX STATEMENT TO:

Presentation of recorded document establishing interest in real estate.

DOCUMENT #	VOLUME/REEL	PAGE/IMAGE	RECORDS/DEEDS
927286	655	371	Deeds

Description of the real estate. ☒ See Attached

Description of personal property (if any) being transferred.
You may list savings accounts, checking accounts and securities on attached pages. Indicate person(s) receiving property.
DECLARATION: I(We) declare that this document is, to the best of my(our) knowledge and belief, true, correct and complete and is in conformity with the provisions and limitations of the Wisconsin Statutes.

Name and Address (List all remaindermen/ beneficiaries. If more space is needed, attach pages.)	Applicant's Interest in Property (ie: spouse, remainderman, beneficiary)	Applicant Signature (Notarized) (Print or type name below signature)	Date
Robert F Narf 3753 Sargent St Madison WI 53714	Spouse	Robert F. Narf Robert F. Narf	12/9/10

This document was drafted by: *(print or type name below)*
Robert Narf

NOTE: SEE DIRECTIONS.
Wisconsin Register of Deeds Association Form HT-110
Website Version 05/2010

STATE OF WISCONSIN, County of Dane
Subscribed and sworn to before me on: December 9, 2010
by the above named person(s): Robert F. Narf

Signature of Notary or other person authorized to administer an oath (as per s 706.06, 706.07)
Print or type name: Vicki L Lomakey
Title: Branch Supervisor
Date Commission Expires: 10/21/2012

VICKI L LOMAKEY NOTARY PUBLIC STATE OF WISCONSIN

THIS IS A STANDARD FORM. ANY MODIFICATIONS TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.

(2)

DOCUMENT NO. 927286

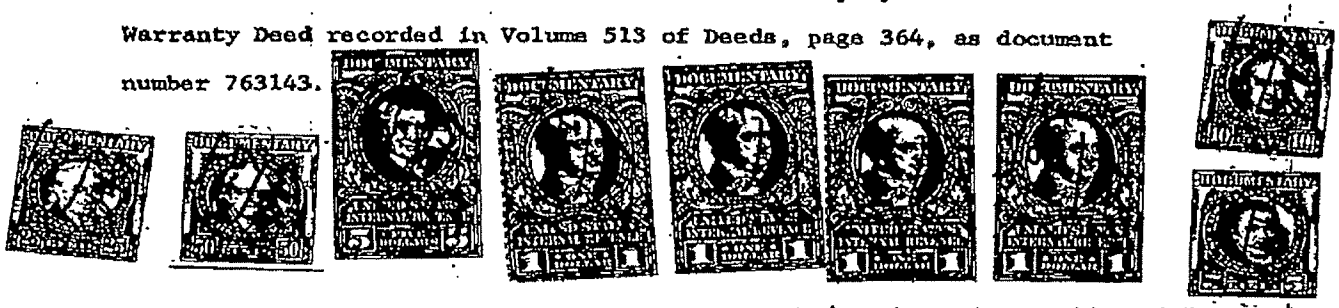
VOL 655 PAGE 371

This Indenture, Made this 9th day of September A. D., 19 56, between George E. Rodgerson and Selma Rodgerson, his wife and in her own right, part ies of the first part and Robert F. and Norma B. Narf, husband and wife as joint tenants, part ies of the second part,

Witnesseth, That the said part ies of the first part, for and in consideration of the sum of One ($1.00) Dollar and other good and valuable consideration to them in hand paid by the said part ies of the second part, the receipt whereof is hereby confessed and acknowledged, ha ve given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said part ies of the second part, their heirs and assigns forever, the following described real estate situated in the County of Dane and State of Wisconsin, to-wit:

Lot Thirteen (13), Block Eight (8), First Addition to Olbrich Park Addition, in the City of Madison.

Subject to easement to Madison Gas & Electric Company as set forth in Warranty Deed recorded in Volume 513 of Deeds, page 364, as document number 763143.



Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all estate right, title, interest, claim or demand whatsoever, of the said part ies of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To Have and To Hold the said premises as above described with the hereditaments and appurtenances, unto the said part ies of the second part, and to their heirs and assigns FOREVER.

And the said George E. Rodgerson and Selma Rodgerson for themselves and their heirs, executors and administrators, do covenant, grant, bargain, and agree to and with the said part of the second part their heirs and assigns, that at the time of the ensealing and delivery of these presents they are well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever

and that the above bargained premises in the quiet and peaceable possession of the said part ies of the second part, their heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, they will forever WARRANT AND DEFEND.

In Witness Whereof, the said part ies of the first part ha ve hereunto set their hands and seal s this 9th day of September A. D., 19 56.

SIGNED AND SEALED IN PRESENCE OF

W. W. Schmale

W. W. Schmale

Velleen Russell

V. Estelle Russell

George E. Rodgerson (SEAL)
GEORGE E. RODGERSON

Selma Rodgerson (SEAL)
SELMA RODGERSON

(SEAL)

(SEAL)

STATE OF WISCONSIN, Dane County, } ss.

Personally came before me, this 9th day of September A. D., 19 56 the above named George E. Rodgerson and Selma Rodgerson

to me known to be the person s who executed the foregoing instrument and acknowledged the same.

Velleen Russell
V. Estelle Russell
Notary Public Dane County, Wis.
My Commission expires April 21 at A. D., 19 58

My Commission Expires April 21, 1957

Received for Record this 9 day of October A. D., 1956 at 2:15 o'clock P. M.

Miles C. Riley
Register of Deeds

By: Bertha L. Mathews
Deputy Register of Deeds

Rec'd 927286 Oct 9 56 1:50 PM

WARRANTY DEED—STATE OF WISCONSIN, FORM NO. 1

R. G. RILEY CO., MILWAUKEE

State Bar of Wisconsin Form 3-2003
QUIT CLAIM DEED

Document Number | Document Name

8611875
Tx:8488704

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5026911
09/24/2013 09:20 AM
Trans. Fee:
Exempt #: 155
Rec. Fee: 30.00
Pages: 1

Recording Area

Name and Return Address

Token Waters 3617, LLC
1 Woodvale, Cir
Madison, WI 53716

THIS DEED, made between Ryan J McGuire ("Grantor," whether one or more), and Token Waters 3617, LLC ("Grantee," whether one or more).

Grantor quit claims to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in Dane County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

Lot 9, Block 8, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

251-0710-092-1609-7
Parcel Identification Number (PIN)

This is not homestead property.
(is) (is not)

APRIL WILTGEN
Notary Public
State of Wisconsin

Dated 23 September 2013

*Ryan J McGuire (SEAL) * (SEAL)

* (SEAL) * (SEAL)

AUTHENTICATION

Signature(s)

authenticated on

*

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by Wis. Stat. § 706.06)

THIS INSTRUMENT DRAFTED BY:
Ryan McGuire
1 Woodvale Cir. Madison, WI 53716

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
Dane COUNTY)

Personally came before me on September 23, 13
the above-named Ryan J McGuire
to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

April Wiltgen
*
Notary Public, State of Wisconsin
My Commission (is permanent) (expires: 9-25-2016)

(Signatures may be authenticated or acknowledged. Both are not necessary.)

NOTE: THIS IS A STANDARD FORM. ANY MODIFICATIONS TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.

QUIT CLAIM DEED FORM NO. 3-2003

* Type name below signatures.

E
155

8 4 8 7 9 1 9
Tx:8411088

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4940234
12/07/2012 3:37 PM
Trans. Fee: 307.50
Exempt #:
Rec. Fee: 30.00
Pages: 1

Document Number

STATE BAR OF WISCONSIN FORM 5 - 2003
PERSONAL REPRESENTATIVE'S DEED
Document Name

THIS DEED, made between Terry Cunningham, Individually and Terry Cunningham, as Personal Representative of the Estate of Eldon E. Cunningham ("Decedent and unmarried"), ("Grantor," whether one or more), and Ryan J. McGuire ("Grantee," whether one or more).

Grantor conveys to Grantee, without warranty, the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in Dane County, State of Wisconsin ("Property") (if more space is needed, please attach addendum)

Lot 9, Block 8, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

RETURN TO
Ryan J. McGuire
1 Woodvale Clr
Madison, WI 53716

Tax Parcel No.:
251-0710-092-1609-7

Personal Representative by this deed does convey to Grantee all of the estate and interest in the Property which Decedent had immediately prior to Decedent's death, and all of the estate and interest in the Property which the Personal Representative has since acquired.

Dated this 30th day of November, 2012.

Terry Cunningham, Individually

THE PROPERTY IS NOT HOMESTEAD FOR TERRY CUNNINGHAM

The Estate of Eldon E. Cunningham

BY: Per Rep
Terry Cunningham, as Personal Representative

AUTHENTICATION

Signature(s)

Authenticated this _____ day of _____, 20__

TITLE: MEMBER OF STATE BAR OF WISCONSIN

(If not, _____
Authorized by 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Perry J. Armstrong

(Signatures may be authenticated or acknowledged. Both are not necessary.)

*Names of persons signing in any capacity should be typed or printed below their signatures.

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
COUNTY OF DANE)

Personally came before me this 30th day of November, 2012 the above named Terry Cunningham individually and Terry Cunningham, as Personal Representative to me known to be the persons who executed the foregoing instrument and acknowledge the same.

Kimberly Rupar
Notary Public Dane County, Wis.
My Commission expires: October 23, 2016

KIMBERLY RUPAR NOTARY PUBLIC STATE OF WISCONSIN

7-102,500
(307.50)
(1)

Document Number	State Bar of Wisconsin Form 1-2003 **WARRANTY DEED** Document Name

DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4187550

05/03/2006 04:04PM

Trans. Fee: 534.00
Exempt #:

Rec. Fee: 11.00
Pages: 1

912337

THIS DEED, made between **Beth A. Lovern,**

("Grantor," whether one or more), and **Branden A. Jones**

("Grantee," whether one or more).

Grantor for a valuable consideration, conveys to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in **Dane** County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

Lot Ten (10), Block Eight (8), First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

Recording Area

Name and Return Address
Branden A. Jones

3614 Olbrich Avenue
Madison, WI. 53714

251-0710-092-1610-4
Parcel Identification Number (PIN)

This **is not** homestead property.
(is) (is not)

Grantor warrants that the title to the Property is good, indefeasible, in fee simple and free and clear of encumbrances except: **municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants and general taxes levied in the year of closing.**

Dated **April 27, 2006**

(SEAL)
*

(SEAL)
*

(SEAL)
* **Beth A. Lovern**

(SEAL)
*

AUTHENTICATION

Signature(s)

authenticated on

*

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by Wis. Stat. § 706.06)

THIS INSTRUMENT DRAFTED BY:
Attorney Roger W. Boettcher
MA255991

ACKNOWLEDGMENT

STATE OF **WISCONSIN**)
) ss.
DANE COUNTY)

Personally came before me on **April 27th, 2006**,
the above-named **Beth A. Lovern**

to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

*
Notary Public, State of **Wisconsin**
My commission (is permanent) (expires:)

(Signatures may be authenticated or acknowledged. Both are not necessary.)

NOTE: THIS IS A STANDARD FORM. ANY MODIFICATION TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.

*Type name below signatures.

1/11

DOCUMENT NO.

2409031

WARRANTY DEED

STATE BAR OF WISCONSIN FORM 2 — 1982

THIS SPACE RESERVED FOR RECORDING DATA

RECORDER'S OFFICE
DANE COUNTY, WI.
JANE LIGHT
REGISTER OF DEEDS
RECORDED ON

Nov 3 9 17 AM '92

VOL 20752 PAGE 11

Carol F. Pellett ..... A Single Person .....

conveys and warrants to Tony J. Tantillo ..... A Single Person

the following described real estate in Dane County, State of Wisconsin:

RETURN TO
Tony J. Tantillo
3618 Olbrich Ave.
Madison, WI 53714

60-0710-092-1611-2
Tax Parcel No: .....

Lot 11, Block 8, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

TRANSFER
$ 141.80
FEE PAID

This ..is.. homestead property.
(is) (is not)

Exception to warranties: Easements and restrictions of record, zoning and other governmental regulations and further except 1992 real estate taxes.

Dated this 30th day of October, 19 92

Carol F. Pellett (SEAL)

Carol F. Pellett

(SEAL)

(SEAL)

(SEAL)

(SEAL)

AUTHENTICATION

Signature(s) .....

authenticated this .....day of....., 19.....

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Perry J. Armstrong

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.

Dane County.

Personally came before me this 30th day of October, 19 92 the above named Carol F. Pellett

to me known to be the person ..... who executed the foregoing instrument and acknowledge the same.

Elaine J. Stoven
Date

Notary Public ..... County, Wis.
My Commission is permanent. (If not, state expiration date: 6-16, 19 96)

*Names of persons signing in any capacity should be typed or printed below their signatures.

WARRANTY DEED

8625460
Tx:8497717

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5035975
11/04/2013 3:54 PM
Trans. Fee: 509.70
Exempt #:
Rec. Fee: 30.00
Pages: 1

THIS DEED, made between

Jessica Schroeder a/k/a Jessica L. Schroeder and Paul Schroeder a/k/a Paul M. Schroeder, wife and husband,
("Grantor," whether one or more),

and:

Megan Landauer,
("Grantee," whether one or more).

Grantor for a valuable consideration, conveys and warrants to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in Dane County, State of Wisconsin ("Property"):

Name and Return Address:
MEGAN LANDAUER
3622 OLBRICH AVE
MADISON WI 53714

251/0710-092-1612-0
Parcel Identification Number

Lot Twelve (12), Block Eight (8), First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

This is homestead property.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except: municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, general taxes levied in the year of closing.

Dated 10/31/13.

Jessica Schroeder

Paul Schroeder

AUTHENTICATION

Signature(s) Jessica Schroeder a/k/a Jessica L. Schroeder and Paul Schroeder a/k/a Paul M. Schroeder, wife and husband authenticated on _____.

_____
*
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by Wis. Stat. 706.06)

THIS INSTRUMENT DRAFTED BY:
Atty. Peter Zarov
Zarov Law
3 Point Place
Madison, WI 53719

WHITNEY R. HOBSON NOTARY PUBLIC STATE OF WISCONSIN

ACKNOWLEDGEMENT

State of Wisconsin)
) ss.
County of Dane)

Personally came before me on 10/31/13, the above named Jessica Schroeder and Paul Schroeder _____, to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

Whitney R. Hobson
Notary Public, State of Wisconsin
My Commission (is permanent) (expires: 4/17/16).

T-169,900
(509.70)

* Names of persons signing in any capacity must be printed below signature

File No. H2013081136

(1)

DOCUMENT NO.

1797377

STATE BAR OF WISCONSIN FORM 1 — 1982
WARRANTY DEED

THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE
DANE COUNTY, WIS. SS
RECORDED ON

AUG 26 12 45 PM '83

CAROL R. MANNKE
REGISTER OF DEEDS

VOL 4857 PAGE 59

RETURN TO Carolyn M. Brennan
3601 Olbrich Av.
Madison, WI 53714

Tax Parcel No: 0710-092-1714-4

This Deed, made between Peter G. Hamon and Ann M. Hamon, husband and wife as joint tenants

Grantor,

and Carolyn M. Brennan, an unmarried individual

Grantee,

Witnesseth, That the said Grantor, for a valuable consideration of $1.00 and other good and valuable consideration conveys to Grantee the following described real estate in Dane County, State of Wisconsin:

Lot One (1), Block Seven (7), First Addition to Olbrich Park, in the City of Madison, Dane County, Wisconsin.

TRANSFER
$142.50
FEE PAID

This is (is) (is not) homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And Peter G. Hamon and Ann M. Hamon warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except restrictions, covenants, easements of record and all applicable zoning ordinances

and will warrant and defend the same.

Dated this 26th day of August, 1983

(SEAL)

Peter G. Hamon (SEAL)
Peter G. Hamon

(SEAL)

Ann M. Hamon (SEAL)
Ann M. Hamon

AUTHENTICATION

Signature(s)

authenticated this day of, 19

*

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Atty. Marvin P. Ripp

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
Dane County.

Personally came before me this 26th day of August, 19 83 the above named Peter G. Hamon and Ann M. Hamon

to me known to be the person who executed the foregoing instrument and acknowledge the same.

Mary A. Stubben
Mary A. Stubben
Notary Public Dane County, Wis.
My Commission is permanent. (If not, state expiration date: 1-11-87, 19)

4.00 cl

*Names of persons signing in any capacity should be typed or printed below their signatures.

DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 2
WARRANTY DEED

DANE COUNTY
REGISTER OF DEEDS
DOCUMENT #
4122890
10/20/2005 12:08PM
Trans. Fee: 495.00
Exempt #:
Rec. Fee: 11.00
Pages: 1

000451

Jason D. Davenport a/k/a Jason Davenport and Renate C. Davenport a/k/a Renate Davenport , husband and wife

conveys and warrants to **Lynn A. Semrad** , a single individual

the following described real estate in **DANE** County, State of Wisconsin:

RETURN TO
Lynn A. Semrad
3806 Clover Lane
Madison, WI 53714

Tax Parcel No: 251-0710-092-1715-2

Lot 2, Block 7, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

This is homestead property.
(is)(is not)

Exception to warranties: **Municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, and further except 2005 real estate taxes.**

Dated this **17th** day of **October, 2005.**

_____ (SEAL)
*_____

_____ (SEAL)
*_____

Jason D. Davenport (SEAL)
***Jason D. Davenport a/k/a Jason Davenport**

Renate C. Davenport (SEAL)
***Renate C. Davenport a/k/a Renate Davenport**

AUTHENTICATION

Signatures authenticated this day of ,

_____

*_____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Perry J. Armstrong

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN }
Dane County } ss.

Personally came before me on **October 17th, 2005** the above named **Jason D. Davenport a/k/a Jason Davenport and Renate C. Davenport a/k/a Renate Davenport** to me known to be the persons who executed the foregoing instrument and acknowledge the same.

Diane Loniello

* Diane Loniello
Notary Public, Dane County, Wis.
My Commission is permanent.
(If not, state expiration date: **2/18/2007**)

NOTARY PUBLIC DIANE LONIELLO STATE OF WISCONSIN

*Names of persons signing in any capacity should be typed or printed below their signatures.

WARRANTY DEED

Vision Form SD006WI Rev. 02/15/96

1/11

DOCUMENT NO.

1834670

STATE BAR OF WISCONSIN—FORM 2
WARRANTY DEED
THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE
DANE COUNTY, WIS. SS.
RECORDED ON

84 MAY 29 A 8:31
VOL 5699 PAGE 36

Carol K. Mentkowski
Register of Deeds

RETURN TO Grantees
3810 Clover Lane
MADISON, WI 53714

HAZEL YVONNE VINKEMULDER, a/k/a Hazel Y. Vinkemulder, a/k/a Yvonne Vinkemulder

conveys and warrants to JERRY M. SVETLIK and SHARON A. SVETLIK, husband and wife, as joint tenants

the following described real estate in Dane County, State of Wisconsin:

Lot 3, Block 7, 1st Addition to Olbrich Park Addition, in the City of Madison

Tax Key No.

TRANSFER
$.145.50
FEE PAID

This is (Is) (Is not) homestead property.

Exception to warranties:

Dated this 25th day of May, 1984

Hazel Yvonne Vinkemulder (SEAL)
HAZEL YVONNE VINKEMULDER

(SEAL)

(SEAL)

(SEAL)

AUTHENTICATION

Signatures authenticated this _____ day of _____, 19____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____ authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

H. Yvonne Vinkemulder
Member State Bar of Wisconsin

(Signatures may be authenticated or acknowledged. Both are not necessary.)
The use of witnesses is optional.

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
Dane County.

Personally came before me, this 25th day of May, 1984 the above named Hazel Yvonne Vinkemulder

to me known to be the person s who executed the foregoing instrument and acknowledge the same.

Mary Sweeney
MARY SWEENEY

Notary Public Dane County, Wis.
My Commission is permanent. (If not, state expiration date: 2-1, 19 87.)

Furnished by: **PREFERRED TITLE SERVICE CO.**
25 WEST MAIN STREET
MADISON, WISCONSIN 53703

ABSTRACTS • TITLE INSURANCE • ESCROWS

4.00 ct

*Names of persons signing in any capacity should be typed or printed below their signatures.

8325997
Tx:8197828

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4824529
12/19/2011 1:55 PM
Trans. Fee: 241.80
Exempt #:
Rec. Fee: 30.00
Pages: 1

Recording Area

Name and Return Address
P. LARSEN
3814 CLOVER LANE
MADISON WI 53714

State Bar of Wisconsin Form 3-2003

QUIT CLAIM DEED

Document Number | Document Name

THIS DEED, made between Chase T. Miller, unmarried person

("Grantor," whether one or more), and Patricia S. Larsen, unmarried person

("Grantee," whether one or more).

Grantor quit claims to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in Dane County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

Lot 4 Block 7 First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

251/0710-092-1717-8
Parcel Identification Number (PIN)

This is homestead property.
(is) (is not)

Dated 9 Dec. 2011

(SEAL) _____
* _____

(SEAL) _____
* Chase T. Miller

(SEAL) _____
* _____

(SEAL) _____
* _____

AUTHENTICATION

Signature(s) _____
authenticated on _____
* _____

KIM SCHUETTE
Notary Public
State of Wisconsin

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by Wis. Stat. § 706.06)

THIS INSTRUMENT DRAFTED BY:
Donald B. Bruns, Attorney
State Bar No. 1014457

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
DANE COUNTY)

Personally came before me on 9 Dec 2011,
the above-named Chase T. Miller
to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

* Kim Schuette
Notary Public, State of WI
My commission (is ~~permanent~~) (expires: 11-1-15)

(Signatures may be authenticated or acknowledged. Both are not necessary.)

NOTE: THIS IS A STANDARD FORM. ANY MODIFICATION TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.

T-80,550
(241.80)
(1)

8 5 6 6 3 2 7
Tx:8461320

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4993712
06/06/2013 08:44 AM
Trans. Fee: 417.00
Exempt #:
Rec. Fee: 30.00
Pages: 1

STATE BAR OF WISCONSIN FORM 2 -2003
WARRANTY DEED

Document Number | Document Name

THIS DEED, made between Jacqueline A. Childs, a single person ("Grantor," whether one or more), and Trevor J. Hoffman ("Grantee," whether one or more).

Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate in Dane County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

Lot 5, Block 7, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

RETURN TO
Trevor J. Hoffman
3818 Clover Lane
Madison, WI 53714

Tax Parcel No.:
251-0710-092-1718-6

This is a homestead property.

Exception to warranties: **Municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, present uses of the Property in violation of the foregoing disclosed in Seller's Real Estate Condition Report and in the Offer, and general taxes levied in the year of closing.**

Dated this 31st day of May, 2013.

Jacqueline A. Childs

AUTHENTICATION

Signature(s)

_____

_____

authenticated this ____ day of _____, 20___

*

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, _____

authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Perry J. Armstrong

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
DANE COUNTY)

Personally came before me this 31st day of May, 2013 the above named Jacqueline A. Childs; to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

* Amy Hamilton-Durian
Notary Public Dane County, WI
My Commission expires: 12/29/2013

NOTARY PUBLIC
AMY HAMILTON-DURIAN
STATE OF WISCONSIN

T
139,000
(417.00)

DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 2
WARRANTY DEED

DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4212385

07/12/2006 11:08AM

Trans. Fee: 546.00
Exempt #:

Rec. Fee: 11.00
Pages: 1

000961

Steve Olp and Patricia J. Olp and Curt Roeming and Stephanie Roeming

conveys and warrants to **Brian L. Moellers**

the following described real estate in **DANE** County, State of Wisconsin:

RETURN TO
Brian L. Moellers
3822 Clover Lane
Madison, WI 53714

Tax Parcel No: 251-0710-092-1719-4

Lot 6, Block 7, First Addition to Olbrich Park, in the City of Madison, Dane County, Wisconsin.

This is not homestead property.
(is)(is not)

Exception to warranties: **Municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, and further except 2006 real estate taxes.**

Dated this **29th** day of **June, 2006.**

(SEAL)
*Curt Roeming

(SEAL)
*Steve Olp

(SEAL)
*Stephanie Roeming

(SEAL)
*Patricia J. Olp

AUTHENTICATION

Signatures authenticated this **29th** day of **June, 2006**

*
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Perry J. Armstrong

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN }
Dane County } ss.

Personally came before me on **June 29th, 2006** the above named **Steve Olp and Patricia J. Olp and Curt Roeming and Stephanie Roeming** to me known to ~~be the persons~~ who executed the foregoing instrument and acknowledge the same.

* Mary Jo Sweeney
Notary Public, Dane County, Wis.
My Commission is permanent.
(If not, state expiration date: March 11, 2007)

NOTARY PUBLIC STATE OF WISCONSIN MARY JO SWEENEY

*Names of persons signing in any capacity should be typed or printed below their signatures.

WARRANTY DEED

1/11

DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 2
WARRANTY DEED

DANE COUNTY
REGISTER OF DEEDS
DOCUMENT #
4050292
05/05/2005 12:35:00PM
Trans. Fee: 435.00
Exempt #:
Rec. Fee: 11.00
Pages: 1

061173

Curt L. Roeming and Stephanie F. Roeming, husband and wife conveys and warrants to **John D. Brewah and Fatmata Brewah, husband and wife**

the following described real estate in **DANE** County, State of Wisconsin:

RETURN TO
John D. Brewah and Fatmata Brewah
3826 Clover Lane
Madison, WI 53714

Tax Parcel No: 251-0710-092-1720-1

Lot 7, Block 7, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

This is not homestead property.
(is)(is not)

Exception to warranties: **Municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, and further except 2005 real estate taxes.**

Dated this **29th** day of **April, 2005**.

_____ (SEAL)
*_____

_____ (SEAL)
*_____

_____ (SEAL)
*Curt L. Roeming

_____ (SEAL)
*Stephanie F. Roeming

AUTHENTICATION

Signatures authenticated this [ ] day of [ ],
[ ]

_____
*_____
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Perry J. Armstrong
[ ]

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN }
Dane County } ss.

Personally came before me on **April 29th, 2005** the above named **Curt L. Roeming and Stephanie F. Roeming** to me known to be the persons who executed the foregoing instrument and acknowledged the same.

_____
*Mary Jo Swenson
Notary Public, Dane County, WI.
My Commission is permanent.
(If not, state expiration date: 3/11/07)

*Names of persons signing in any capacity should be typed or printed below their signatures.

WARRANTY DEED

1/1

8 1 3 4 8 3 6
Tx:8090666

DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4645101
04/01/2010 11:32 AM
Trans. Fee: 396.00
Exempt #:
Rec. Fee: 11.00
Pages: 1

Document Number

STATE BAR OF WISCONSIN FORM 2 -2003
WARRANTY DEED

Document Name

THIS DEED, made between Bernetta N. Reuter, unmarried ("Grantor," whether one or more), and James L. Jensen

("Grantee," whether one or more).

Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate in Dane County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

Lot 8, Block 7, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

RETURN TO
James L. Jensen
3830 Clover Lane
Madison, WI 53714

Tax Parcel No.:
251-0710-092-1721-9

This is a homestead property.

Exception to warranties: **Municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, and further except 2010 real estate taxes.**

Dated this 29th day of March, 2010.

James A. Kelter P.O.A.
James A. Kelter, Attorney-In-Fact For
Bernetta N. Reuter

AUTHENTICATION

Signature(s)

_____

_____

authenticated this ____ day of _____, 20___

*

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, _____

authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Perry J. Armstrong

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
DANE COUNTY)

Personally came before me this 29th day of March, 2010 the above named James A. Kelter, Attorney-In-Fact For Bernetta N. Reuter; to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

Lynne M. Sauer
* Lynne M. Sauer
Notary Public Dane County, WI
My Commission expires: 07/17/2011

File No. 110030081

LYNNE M. SAUER NOTARY PUBLIC STATE OF WISCONSIN

T- 132,000 (396.00) 1/11

STATE BAR OF WISCONSIN
FORM 2-2003

WARRANTY DEED

8143199
Tx:8096309

DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4652724
05/04/2010 09:01 AM
Trans. Fee: 459.00
Exempt #:
Rec. Fee: 11.00
Pages: 1

THIS DEED, made between

Jennifer M. Waugh, a single person,
("Grantor," whether one or more),

and:

Amanda M. Apkarian,
("Grantee," whether one or more).

Grantor for a valuable consideration, conveys and warrants to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in Dane County, State of Wisconsin ("Property"):

Name and Return Address: Amanda Apkarian 3834 Clouser Ln. Madison WI 53714

251/0710-092-1722-7
Parcel Identification Number

Lot Nine (9), Block Seven (7), First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

This IS NOT homestead property.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except: municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, general taxes levied in the year of closing.

Dated 4/30/10.

Jennifer M. Waugh

AUTHENTICATION

Signature(s) Jennifer M. Waugh, a single person authenticated on _____.

* _____
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by Wis. Stat. 706.06)

THIS INSTRUMENT DRAFTED BY:
Atty. Peter Zarov
Herrick and Kasdorf, LLP
3 Point Place
Madison, WI 53719

ACKNOWLEDGEMENT

State of Wisconsin)
) ss.
County of Dane)

Personally came before me on Apr. 30, 2010, the above named Jennifer M. Waugh, to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

* _____
Notary Public, State of Wisconsin
My Commission (is permanent) ~~(expires~~: _____).

PETER ZAROV NOTARY PUBLIC STATE OF WISCONSIN

T-15,000
(459.00)
1/11

* Names of persons signing in any capacity must be printed below signature

File No. C2010030258

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4914910
09/21/2012 2:05 PM
Trans. Fee:
Exempt #: 2
Rec. Fee: 30.00
Pages: 1

DOCUMENT NO.	STATE BAR OF WISCONSIN FORM 6-2003 SPECIAL WARRANTY DEED

THIS DEED made between Federal National Mortgage Association ("Grantor," whether one or more) and William D. Breitbart, Yuldiko Wakamiya, husband and wife ("Grantee" whether one or more). Grantor for a valuable consideration, conveys to Grantee the following described real estate together with the rents, profits, fixtures and other appurtenant interests, in DANE County, State of Wisconsin ("Property"):

Lot 10, in Block 7, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

For Information Purposes Only
3838 Clover Lane
Madison, WI 53714

*husband and wife as survivorship marital property

EXEMPT FROM TRANSFER FEE AND FORM 77.25(2)

RETURN TO

Mr. William D. Breitbart
3838 Clover Lane
Madison, WI 53714

Tax Parcel No.: 251/0710-092-1723-5

This Is not homestead property

Grantor warrants that the title to the Property is good, indefensible, in fee simple and free and clear of encumbrances arising by, through or under Grantor, except municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, and further except the 2012 real estate taxes.

Dated this 31ST day of August, 2012

Federal National Mortgage Association

By: _____
Benjamin J. Pliskie
SBN: 1037985
For: Blommer Peterman, S.C. as Attorney-In-Fact for FNMA

AUTHENTICATION

Signature authenticated August 31, 2012.

_____
Name: James W. Ramseyer

MEMBER STATE BAR OF WISCONSIN SBN 1003705

THIS INSTRUMENT WAS DRAFTED BY
Deborah A. Blommer

*Names of persons signing in any capacity should be typed or printed below their signatures.

File No.: 106418

ACKNOWLEDGMENT

STATE OF WISCONSIN)
ss.
COUNTY OF _____

Personally came before me this _____ day of _____, _____, the above named

_____
to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

_____
* Kristine Martynski
Notary Public, State of Wisconsin
My Commission expires: _____

DOCUMENT NO.

1121334

VOL 792 PAGE 208

WARRANTY DEED

STATE OF WISCONSIN—FORM 9

Office of Register of Deeds
Dane County, Wisconsin } ss.

Received for Record Jan. 6
A. D. 1965 at 8 45 o'clock a M
and recorded in vol. 792
of Deeds on page 208

Register

THIS SPACE RESERVED FOR RECORDING DATA

RETURN TO

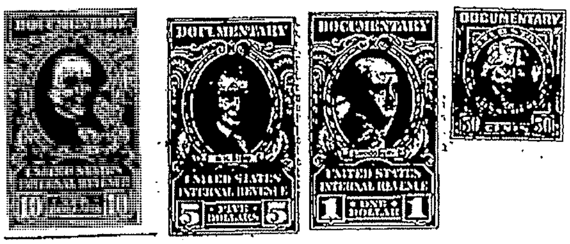
Douglass A. Hull
3617 [illegible] Ave.
Madison, Wis.

THIS INDENTURE, Made by VERNON E. SCHNURBUSCH and JEAN A. SCHNURBUSCH, his wife,

grantor s of Dane County, Wisconsin, hereby conveys and warrants to DOUGLASSA. HULL and KATHRYN M. HULL, husband and wife, as joint tenants

grantee s of Dane County, Wisconsin, for the sum of One Dollar and other good and valuable considerations the following tract of land in Dane County, State of Wisconsin:

Westerly one-half (Wly 1/2) of Lots 19 and 20, Block 7, First Addition to Olbrich Park Addition, in the City of Madison



IN WITNESS WHEREOF, the said grantors have hereunto set their hands and seals this 4th day of January, A. D., 1965

SIGNED AND SEALED IN PRESENCE OF

Warren H. Harris

Ethel Harris

Vernon E. Schnurbusch (SEAL)

Jean A. Schnurbusch (SEAL)

(SEAL)

(SEAL)

STATE OF WISCONSIN,
Dane County. } ss.

Personally came before me, this 4th day of January, A. D., 1965 the above named Bernon E. Schnurbusch and Jean A. Schnurbusch

to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Warren H. Harris

(SEAL)

Notary Public, Dane County, Wis.

My Commission expires is permanent A. D. 19

THIS INSTRUMENT DRAFTED BY Warren H. Harris, atty, Madison, Wisconsin

(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary).

WARRANTY DEED—STATE OF WISCONSIN, FORM NO. 9

FURNISHED BY DANE COUNTY TITLE COMPANY

DOCUMENT NO. STATE BAR OF WISCONSIN FORM 5 — 1982 THIS SPACE RESERVED FOR RECORDING DATA

PERSONAL REPRESENTATIVE'S DEED

RECORDER'S OFFICE
DANE COUNTY, WI.
JANE LIGHT
REGISTER OF DEEDS
RECORDED ON

MAY 11 3 37 PM '93

Stanley E. Herrick

....., as Personal Representative of the estate of

Faye L. Herrick

..... ("Decendent"),

for a valuable consideration conveys, without warranty, to

Stanley E. Herrick

....., Grantee,

the following described real estate in Dane County, State of Wisconsin (hereinafter called the "Property"):

RETURN TO 2465639
Stanley Herrick
3621 Olbrich Ave.
Madison, WI 53704

Tax Parcel No: .....

VOL 22701 PAGE 73

Part of Lots 19 and 20, Block 7, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin, described as follows: Commencing at an iron stake at the SE corner of said Lot 19; thence W along the S line of said Lot 19, 73.15 feet; thence N to a point on the N line of said Lot 20 which is 81.5 feet E of the NW corner of said Lot 20; Thence E along the said N line 61.5 feet to an iron stake; thence Southeasterly on a curve to the right with a radius of 20 feet to an iron stake; thence S along the E line of said Lots 20 and 19 to the point of the beginning.

The above land is also described as: The East ½ of Lots 19 and 20, Block 7, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

FEE
3
EXEMPT

Personal Representative by this deed does convey to Grantee all of the estate and interest in the Property which the Decedent had immediately prior to Decedent's death, and all of the estate and interest in the Property which the Personal Representative has since acquired.

Dated this 10th day of May, 19 93

..... (SEAL)

* .....
Personal Representative

Stanley E Herrick (SEAL)

* Stanley E. Herrick
Personal Representative

AUTHENTICATION

Signature(s) Stanley E. Herrick

.....

authenticated this 10th day of May, 19 93

D.C. Pressentin

* D.C. Pressentin
TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
D.C. Pressentin
Monona, WI

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
.....County.)

Personally came before me this .....day of ....., 19..... the above named

.....

.....

.....

.....

to me known to be the person ..... who executed the foregoing instrument and acknowledge the same.

.....

* .....
Notary Public .....County, Wis.
My Commission is permanent. (If not, state expiration date: ....., 19.....)

*Names of persons signing in any capacity should be typed or printed below their signatures.

DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4525520

03/31/2009 1:56 PM

Trans. Fee: 360.00
Exempt #:

Rec. Fee: 11.00
Pages: 1

WARRANTY DEED

This Deed, made between **Lorene Garrett**
an unmarried individual
Grantor and **Zachary R. Walter and Anne Nommensen** an
unmarried individual

Grantee,

Grantor, for a valuable consideration, conveys to

Grantee the following described real estate in Dane County, State of Wisconsin:
Lot Eighteen (18), Block Seven (7), First Addition to Olbrich Park, in the City of Madison, Dane County, Wisconsin.

RETURN TO:
Zachary R. Walter and Anne Nommensen
809 Royster Ave
Madison, WI 53714

Tax Parcel No. **251/0710-092-1711-0**

This **is not** a homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging; and **Lorene Garrett** warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except recorded restrictions, covenants, easements of record and all applicable zoning ordinances, and will warrant and defend the same.

Dated **March 24, 2009**

Lorene A. Garrett
Lorene Garrett

AUTHENTICATION

Signature(s)

authenticated this **Twenty-fourth day of March, 2009**
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by (4,6) 706.06, Wis. Stats)

THIS INSTRUMENT WAS DRAFTED BY
Lorene Garrett

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGEMENT

State of **Wisconsin**

SS:

Dane County
Personally came before me this **March 24, 2009** the above named **Lorene Garrett** to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

Graham Gilbert
Notary Public
My Commission is permanent.
If not, state expiration date: 7/13/2011

County, SAUNDERS
STATE of NEBRASKA

GRAHAM GILBERT
General Notary
State of Nebraska
My Commission Expires Jul 13, 2011

File No.: 1918637

T/120,000

1/11

Document Number

STATE BAR OF WISCONSIN FORM 2 - 2003
WARRANTY DEED
Document Name

4330431 1
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
4330431

07/05/2007 12:06PM

Trans. Fee: 404.70
Exempt #:

Rec. Fee: 11.00
Pages: 1

RETURN TO
Rodney M. Knoke
813 Royster Avenue
Madison, WI 53714

THIS DEED, made between **Kai Catlin a/k/a Kai W. Catlin, A Single Person and Clay Callen a/k/a Clay C. Callen, A Single Person** ("Grantor," whether one or more), and **Rodney M. Knoke, A Single Person**

("Grantee," whether one or more).

Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate in **DANE** County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

Tax Parcel No: 251-0710-092-1710-2

This **IS** homestead property.
(is)(is not)

Lot 17, Block 7, First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

Exception to warranties: **Municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, and further except 2007 real estate taxes.**

Dated this **25th** day of **June, 2007.**

_____ (SEAL)
*_____

_____ (SEAL)
*_____

_____ (SEAL)
***Kai Catlin a/k/a Kai W. Catlin**

_____ (SEAL)
***Clay Callen a/k/a Clay C. Callen**

AUTHENTICATION

Signatures authenticated this day of ,

_____
*_____
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Perry J. Armstrong

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN }
Dane County } ss.

Personally came before me on **June 25th, 2007** the above named **Kai Catlin a/k/a Kai W. Catlin and Clay Callen a/k/a Clay C. Callen** to me known to be the persons who executed the foregoing instrument and acknowledge the same.

_____
***Rhonda Palo Hein**
Notary Public, Dane County, Wis.
My Commission is permanent.
(If not, state expiration date: 2/22/09)

NOTARY PUBLIC ☆ RHONDA PALO HEIN ☆ STATE OF WISCONSIN

WARRANTY DEED

STATE BAR OF WISCONSIN

FORM No. 2-2003

*Type name below signatures.

SMS Vision Form SDD08WI Rev.. 02/09/2007

1/11

DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 2--1982
WARRANTY DEED

DANE COUNTY
REGISTER OF DEEDS
Doc No 2754879
1996-04-19 10:56 AM
Trans. Fee 223.50
Rec. Fee 10.00
Pages 1

V32623P 51

BARBARA L. GEHRKE, an unmarried person

conveys and warrants to BEVERLY F. SATHER, AN UNMARRIED PERSON

the following described real estate in Dane County, State of Wisconsin:

RETURN TO
Beverly F. Sather
817 Royster Ave.
Madison, WI 53714

Tax Parcel No. 60-0710-092-1709-5

Lot Sixteen (16), Block Seven (7), First Addition to Olbrich Park Addition, in the City of Madison, Dane County, Wisconsin.

TAX ROLL PARCEL NUMBER: 60-0710-092-1709-5
ADDRESS PER TAX ROLL: 817 Royster Avenue

This is (is) (is not) homestead property.

Exception to warranties: Municipal and zoning ordinances, recorded easements for public utilities serving the property, recorded building and use restrictions and covenants, general taxes levied in the year of closing.

Dated this 18th day of April, 19 96

Barbara L Gehrke (SEAL)
BARBARA L. GEHRKE

* _____

_____ (SEAL)

* _____

_____ (SEAL)

* _____

_____ (SEAL)

* _____

AUTHENTICATION

Signature(s) _____

_____

authenticated this 18th day of April, 19 96

_____

* _____
TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Thomas J. Rostad TR:SW

Dane County Title Company

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
Dane County.

Personally came before me this 18th day of April, 19 96 the above named BARBARA L. GEHRKE

_____

to me known to be the person who executed the foregoing instrument and acknowledge the same.

_____

* Sandra J. Webber
Notary Public Dane County, Wis.
My Commission is permanent. (If not, state expiration date: May 12, 1996.)

*Names of persons signing in any capacity should be typed or printed below their signatures.

Furnished by Dane County Title Company

10

DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 2
WARRANTY DEED

DANE COUNTY
REGISTER OF DEEDS

3173731

11-23-1999 11:39 AM

Trans. Fee 276.00

Rec. Fee 10.00

Pages 1

000350

Steven W. Napoleone and Michelle M. Napoleone, Husband and Wife, conveys and warrants to **Todd J. Stupar,** A SINGLE PERSON

the following described real estate in **Dane** County, State of Wisconsin:

RETURN TO
Todd J. Stupar
821 Royster Avenue
Madison, WI 53714

Tax Parcel No: 60-0710-092-1708-7

Lot 15, Block 7, First Addition to Olbrich Park, in the City of Madison, Dane County, Wisconsin.

This is (is)(is not) homestead property.

Exception to warranties: **Municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, and further except 1999 real estate taxes.**

Dated this **18th** day of **November, 1999.**

_____ (SEAL)
*_____

_____ (SEAL)
*_____

_____ (SEAL)
***Steven W. Napoleone**

Michelle M. Napoleone (SEAL)
***Michelle M. Napoleone**

AUTHENTICATION

Signatures authenticated this **18th** day of **November, 1999**

_____
*_____
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____ authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Attorney Perry J. Armstrong
Madison, Wisconsin
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN }
Dane County } ss.

Personally came before me this **18th** day of **November, 1999** the above named **Steven W. Napoleone and Michelle M. Napoleone** to me known to be the persons who executed the foregoing instrument and acknowledge the same.

Michelle Schultz
***Michelle Schultz**
Notary Public **Dane** County, Wis.
My Commission is permanent. (If not, state expiration date: 05/19/2002)

MICHELLE SCHULTZ NOTARY PUBLIC STATE OF WISCONSIN

*Names of persons signing in any capacity should be typed or printed below their signatures.

WARRANTY DEED

Vision Form SDD08WI Rev. 02/15/96

10

DOCUMENT NO.

1785013

VOL 4594 PAGE 31

STATE BAR OF WISCONSIN—FORM 2
WARRANTY DEED
THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE
DANE COUNTY, WIS. SS
RECORDED ON

JUN 15 7 59 AM '83

VOL. 4594 31
CAROL R. HAINKE
REGISTER OF DEEDS

Donald K. Saunders and Jeanne E. Saunders, husband and wife

conveys and warrants to Boyd K. Peeples and Nancy J. Peeples Husband and wife, as joint tenants.

the following described real estate in Dane County, State of Wisconsin:

RETURN TO
Boyd & Nancy Peeples
825 Royster
Madison, WI 53714

Tax Key No. _____

Lot 14, Block 7, First Addition to Olbrich Park Addition, in the City of Madison.

Subject to an easement to the Wisconsin Power and Light Company as set forth in Vol. 530 of Deeds, page 208, #782295.

TRANSFER
$151.20
FEE PAID

This is (is) (is not) homestead property.

Exception to warranties: Easements and restriction of record, zoning and other governmental regulation; further except 1983 Real Estate taxes.

Dated this 14th day of June, 19 83.

_____ (SEAL)

_____ (SEAL)

Donald K. Saunders (SEAL)
Donald K. Saunders

Jeanne E. Saunders (SEAL)
Jeanne E. Saunders

AUTHENTICATION

Signatures authenticated this _____ day of _____, 19____

_____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Perry J. Armstrong

(Signatures may be authenticated or acknowledged. Both are not necessary.)

The use of witnesses is optional.

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
Dane County.

Personally came before me, this 14th day of June, 19 83 the above named Donald K. Saunders and Jeanne E. Saunders

to me known to be the person s who executed the foregoing instrument and acknowledge the same.

Peggy S. Saunders

Notary Public Dane County, Wis.
My Commission is permanent. (If not, state expiration date: 11-6, 19 87.)

Furnished by: **PREFERRED TITLE SERVICE, INC.**
25 WEST MAIN STREET
MADISON, WISCONSIN 53703

ABSTRACTS • TITLE INSURANCE • ESCROWS

4.00 cl

*Names of persons signing in any capacity should be typed or printed below their signatures.

DOCUMENT NO.

1470693

VOL 683 PAGE 674

STATE BAR OF WISCONSIN–FORM 1
WARRANTY DEED
THIS SPACE RESERVED FOR RECORDING DATA

Office of Register of Deeds
Dane County, Wisconsin } ss

Received for Record May 28
19 76 at 7:45 o'clock A.M
and recorded in vol. 683
of Records on page 674
Document No. 1470693
Register

RETURN TO
Grantee
829 Kopstein

Tax Key # _____
This is _____ homestead property.

THIS DEED, made between Kent G. Englund and Barbara L. Englund, husband and wife as joint tenants,

Grantor

and Dale Finke and Janine M. Finke, his wife,

Grantee,

Witnesseth, That the said Grantor for a valuable consideration _____

conveys to Grantee the following described real estate in Dane County, State of Wisconsin:

Lot Thirteen (13), Block Seven (7), First Addition to Olbrich Park Addition, City of Madison, Dane County, Wisconsin.

Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining;
And Kent G. Englund and Barbara L. Englund
warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except easements, restrictions, and zoning ordinances of record, if any

and will warrant and defend the same.

Executed at Madison, Wisconsin this 26th day of May, 1976.

SIGNED AND SEALED IN PRESENCE OF

Kent G. Englund (SEAL)
Kent G. Englund

Barbara L. Englund (SEAL)
Barbara L. Englund

~~Signatures of~~ _____

~~authenticated this _____ day of _____, 19___.~~

~~Title: Member State Bar of Wisconsin or Other Party~~
~~Authorized under Sec. 706.06 viz~~

STATE OF WISCONSIN
DANE County. } ss.

Personally came before me, this 26th day of May, 1976,
the above named Kent G. Englund and Barbara L. Englund
to me known to be the person S who executed the foregoing instrument and acknowledged the same.

Sheldon D. Ellestad
SHELDON D. ELLESTAD
Notary Public Dane County, Wis.
My Commission (Expires) (Is) January 6, 1980

This instrument was drafted by
Thomas Glowacki
Harris & Hill

TRANSFER
$ 19.00
FEE PAID

The use of witnesses is optional.
Names of persons signing in any capacity should be typed or printed below their signatures.

FURNISHED BY Dane County Title Company Founded 1946

WARRANTY DEED–STATE BAR OF WISCONSIN, FORM NO. 1 – 1971

DOCUMENT NO.

1292647

WARRANTY DEED
STATE OF WISCONSIN - FORM 9

THIS SPACE RESERVED FOR RECORDING DATA

Office of Register of Deeds
Dane County, Wisconsin
Received for Record June 8
1971 at 8:00 o'clock A.M.
and recorded in vol. 254
of Records on page 493
Harold R. Rieb
Register

RETURN TO
MARTIN R. Griffin Sr.
833 Royster Ave.
Madison, Wisc

THIS INDENTURE, Made by Philip S. Engen and Carole R. Engen, husband and wife as joint tenants

grantor s of Dane County, Wisconsin, hereby conveys and warrants to Martin R. Griffin Sr.

grantee of Dane County, Wisconsin for the sum of One dollar ($1.00) and other good and valuable consideration

the following tract of land in Dane County, Wisconsin:

Lot Twelve (12), Block Seven (7), First Addition to Olbrich Park, City of Madison.

This Deed is given to transfer, sell, convey and assign all the interest of the grantors in the above described real estate. Grantee agrees to assume and pay the mortgage #1276103, recorded in Vol. 209 of Misc., Page 119, recorded with the Register of Deeds, Dane County, Wisconsin.

13.50

In Witness Whereof, the said grantor s have hereunto set their hands and seal s this 7th day of June, A. D., 1971.

SIGNED AND SEALED IN PRESENCE OF

John L. Meyer

John C. Liposcak

Philip S. Engen (SEAL)
Philip S. Engen

Carole R. Engen (SEAL)
Carole R. Engen

(SEAL)

(SEAL)

State of Wisconsin, Dane County. } Personally came before me, this 7th day of June, A. D., 19 71

the above named Philip S. Engen and Carole R. Engen

to me known to be the person s who executed the foregoing instrument and acknowledged the same.

John C. Liposcak
Notary Public, Dane County, Wis.

My Commission (expires) (is) 4-20-74

NOTARY SEAL

THIS INSTRUMENT WAS DRAFTED BY

Philip S. Engen

VOL 254 PAGE 493

(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary. Section 59.513 similarly requires that the name of the person who, or governmental agency which, drafted such instrument, shall be printed, typewritten, stamped or written thereon in a legible manner.)

WARRANTY DEED

STATE OF WISCONSIN
FORM No. 9

DOCUMENT NO.

WARRANTY DEED

STATE BAR OF WISCONSIN FORM 2 — 1982

THIS SPACE RESERVED FOR RECORDING DATA

1756749

REGISTER'S OFFICE
DANE COUNTY, WIS. SS
RECORDED ON

Oct 29 3 57 PM '82

VOL. 3954 REC'D 92

CAROL R. MAINKE
REGISTER OF DEEDS

Richard Louis Alexander a/k/a Richard L. Alexander and Pamela K. Alexander, husband and wife a/k/a Monte

conveys and warrants to Monty R. Clifcorn and Kathryn A. Clifcorn husband and wife and joint tenants

the following described real estate in Dane County, State of Wisconsin:

RETURN TO
Monty R. Clifcorn
Kathryn A. Clifcorn
837 Royster Avenue
Madison, Wisconsin

Tax Parcel No:

Lot Eleven (11), Block Seven (7), First addition to Olbrich Park, in the City of Madison, Dane County, Wisconsin

VOL 3954 PAGE 97

Subject to a mortgage from Richard L. Alexander a single man, to Knutson Mortgage and Financial Corporation to secure $18,650.00 dated April 9, 1976 and recorded in the office of the Register of Deeds for Dane County, Wisconsin, on April 9, 1976 in Volume 667 of Records on page 400 as Document #1464275. Said mortgage has a current unpaid balance of $17,540.66 which the grantors, by execution hereof, agree to pay and hold the grantee harmless therefrom.

TRANSFER
$ 107.70
FEE PAID

This is (is) (is not) homestead property.

Exception to warranties: Subject to public highways, easements, municipal and zoning ordinances, recorded building and use restrictions and covenants and general taxes for 1982.

Dated this 29th day of October, 1982

Richard Louis Alexander (SEAL)
Richard Louis Alexander a/k/a Richard L. Alexander

Monty R. Clifcorn (SEAL)

Pamela K. Alexander (SEAL)
Pamela K. Alexander

Kathryn A. Clifcorn (SEAL)

AUTHENTICATION

Signature(s) Richard Louis Alexander
Pamela K. Alexander

authenticated this 29th day of Oct, 1982

Randall Skiles

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Randall Skiles, Attorney

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
County.

Personally came before me this day of, 19 the above named

to me known to be the person who executed the foregoing instrument and acknowledge the same.

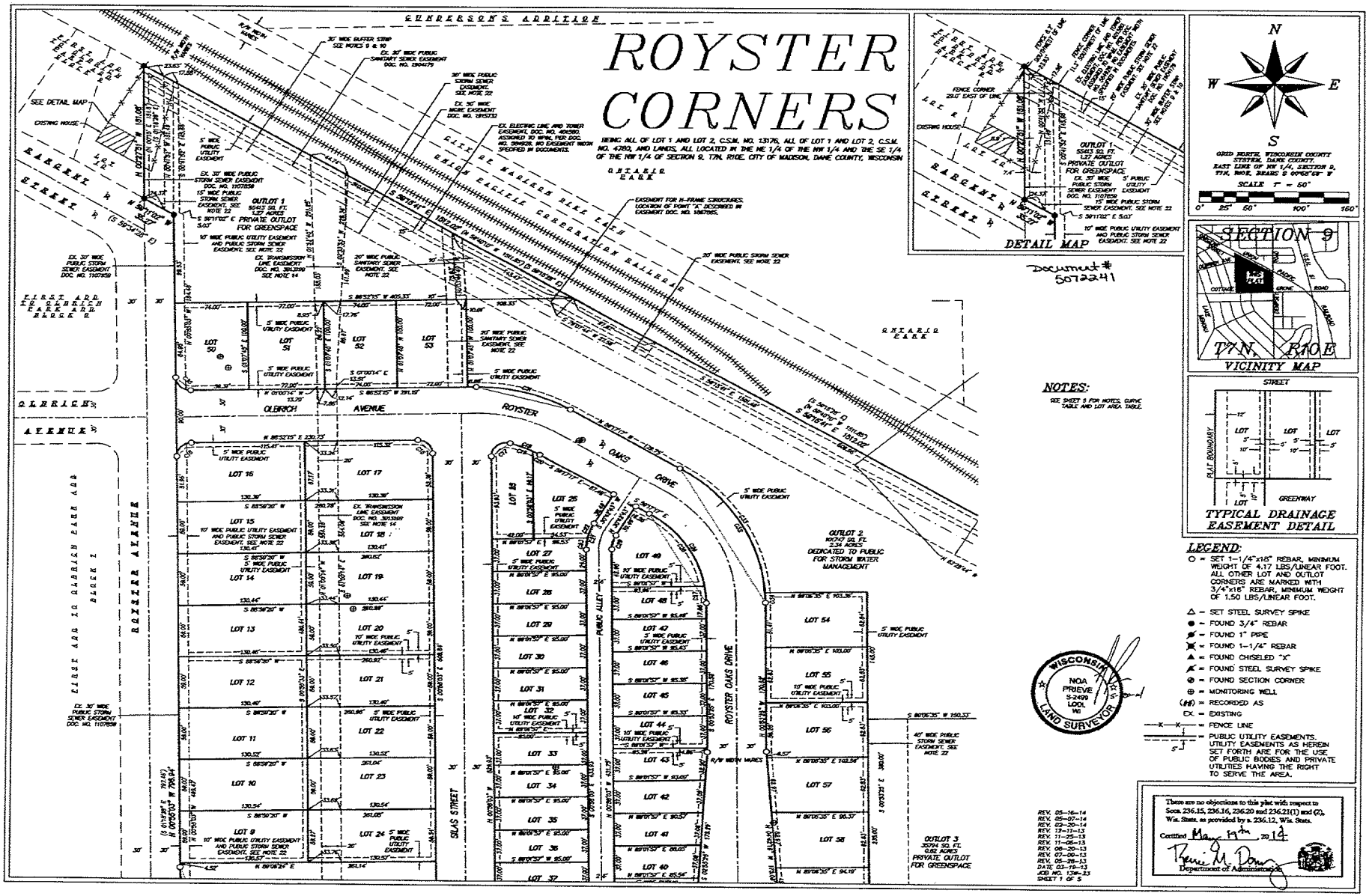
Notary Public County, Wis.
My Commission is permanent. (If not, state expiration date: , 19)

4.00 ck

*Names of persons signing in any capacity should be typed or printed below their signatures.

ROYSTER CORNERS

BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13176, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4783, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN



Document # 5072241

NOTES:

SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.

LEGEND:

- O = SET 1-1/4"x18" REBAR, MINIMUM WEIGHT OF 4.17 LBS/LINEAR FOOT. ALL OTHER LOT AND OUTLOT CORNERS ARE MARKED WITH 3/4"x16" REBAR, MINIMUM WEIGHT OF 1.50 LBS/LINEAR FOOT.
- △ = SET STEEL SURVEY SPIKE
- ● = FOUND 3/4" REBAR
- ⊗ = FOUND 1" PIPE
- ⊠ = FOUND 1-1/4" REBAR
- ▲ = FOUND CHISELED "X"
- ⊿ = FOUND STEEL SURVEY SPIKE
- ⊕ = FOUND SECTION CORNER
- ⊕ = MONITORING WELL
- (##) = RECORDED AS
- EX. = EXISTING
- —x—x— = FENCE LINE
- PUBLIC UTILITY EASEMENTS. UTILITY EASEMENTS AS HEREIN SET FORTH ARE FOR THE USE OF PUBLIC BODIES AND PRIVATE UTILITIES HAVING THE RIGHT TO SERVE THE AREA.

WISCONSIN NOA PRIEVE S-2459 LODI WI LAND SURVEYOR

REV.	DATE
REV. 5	05-16-14
REV. 4	05-07-14
REV. 3	04-29-14
REV. 2	11-11-13
REV. 1	11-05-13
REV. 0	08-29-13
REV. 0	07-30-13
REV. 0	05-28-13
DATE	03-19-13
JOB NO.	13W-23
SHEET	1 OF 5

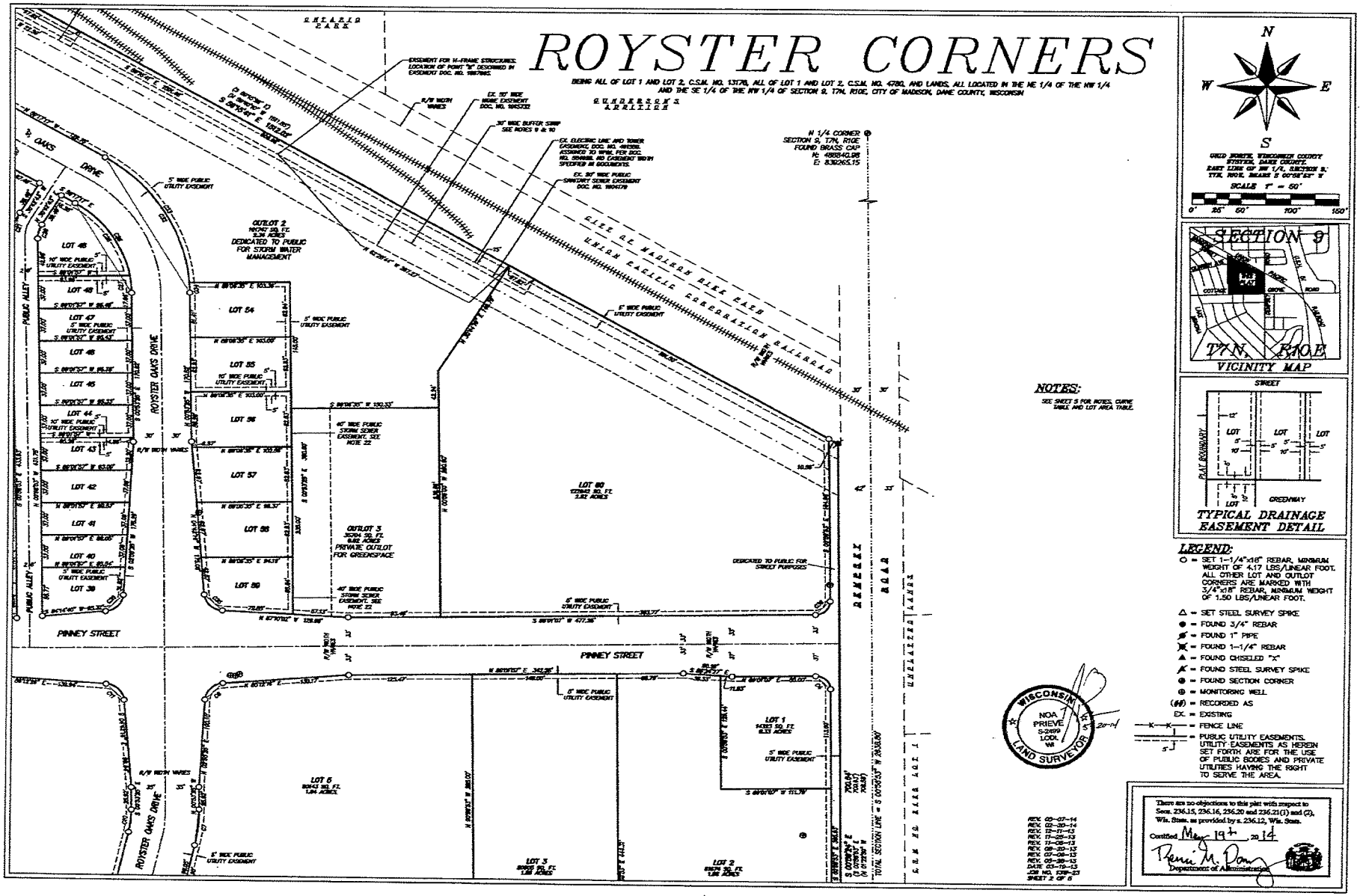
There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th, 2014

Department of Administration

ROYSTER CORNERS

BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13178, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN



VICINITY MAP

TYPICAL DRAINAGE EASEMENT DETAIL

NOTES:

SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.

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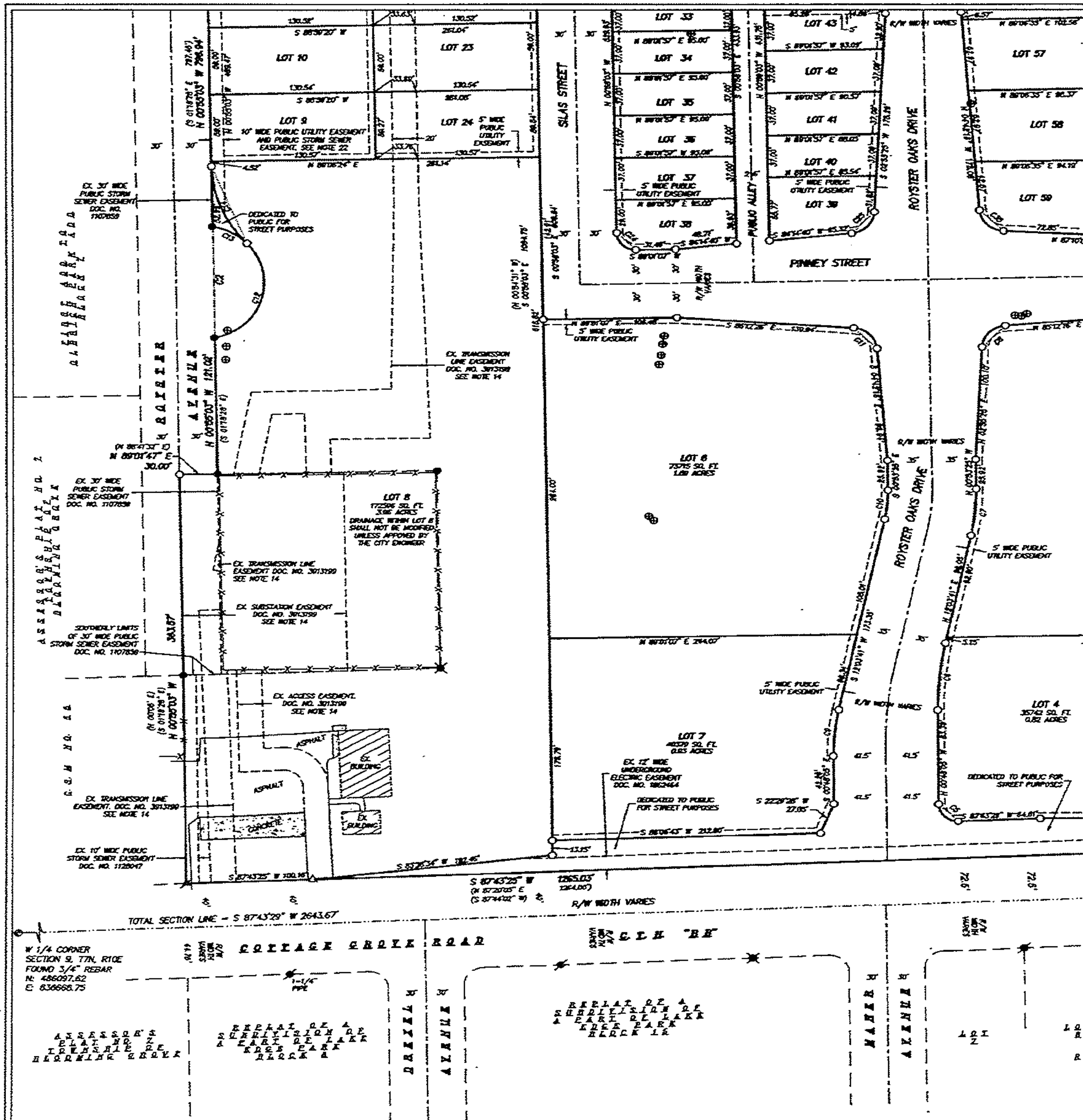
WISCONSIN NOA PRIEVE S-2499 LODI WI LAND SURVEYOR

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats., as provided by s. 236.12, Wis. Stats.

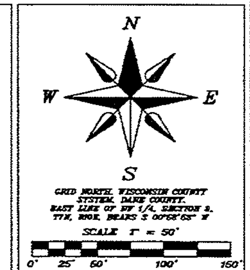
Certified May 19th, 2014

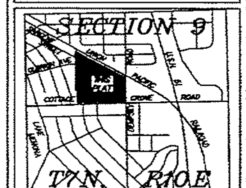
Department of Administration



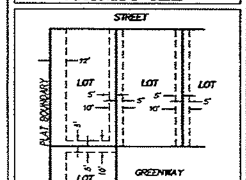
ROYSTER CORNERS

BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13776, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4760, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN





VICINITY MAP



TYPICAL DRAINAGE EASEMENT DETAIL

NOTES:

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WISCONSIN
NOA PRIEVE
S-2499
LODI, WI
LAND SURVEYOR
5-20-14

REV. 05-16-14
REV. 05-13-14
REV. 05-07-14
REV. 02-20-14
REV. 12-11-13
REV. 11-25-13
REV. 11-06-13
REV. 08-20-13
REV. 07-09-13
REV. 05-28-13
DATE 03-19-13
JOB NO. 13W-23
SHEET 3 OF 5

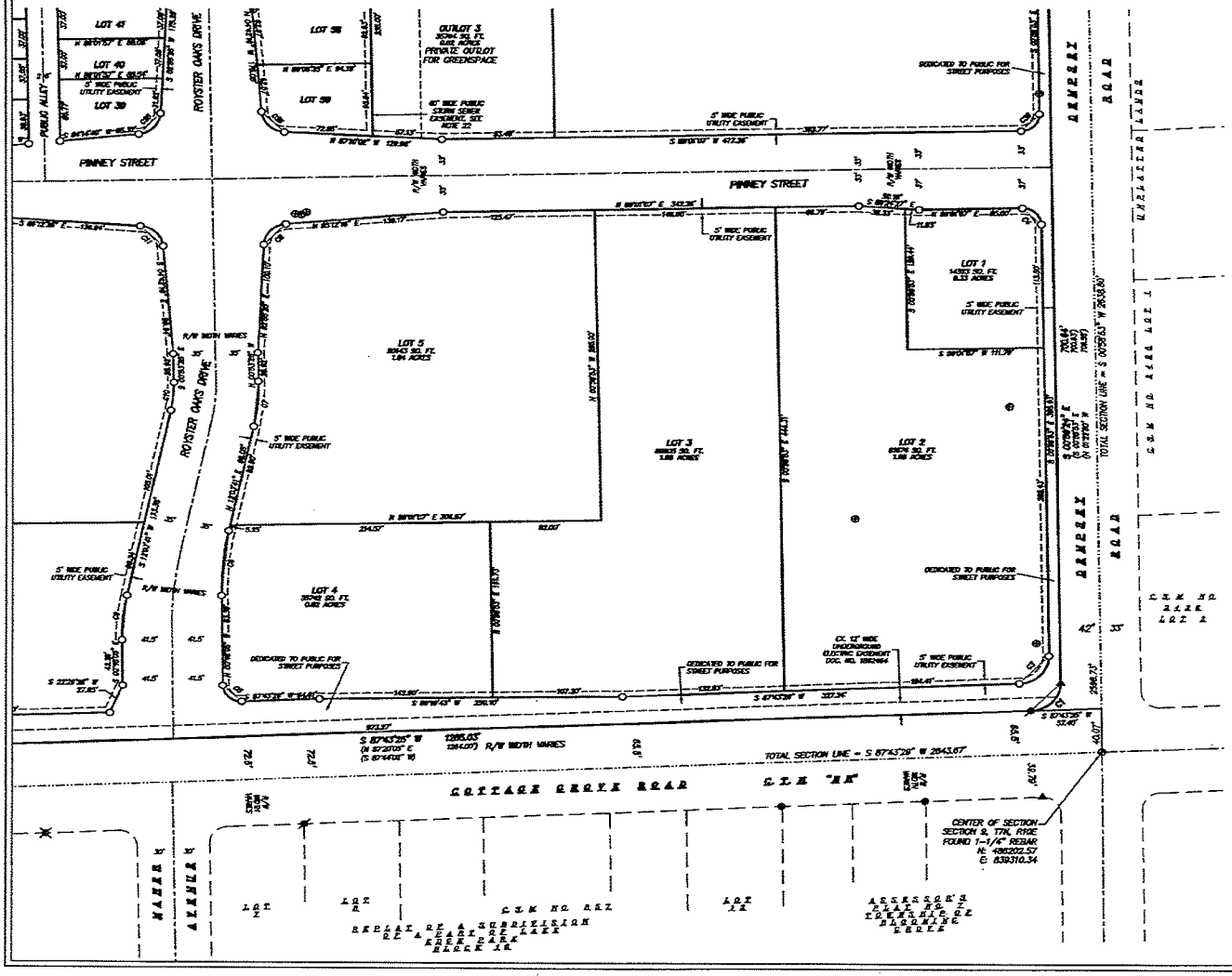
There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

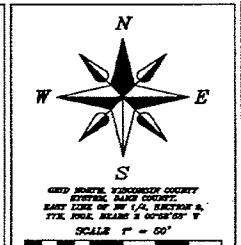
Certified May 19th, 2014

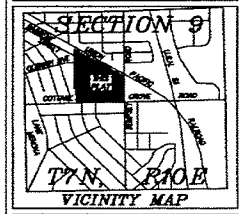
Department of Administration

ROYSTER CORNERS

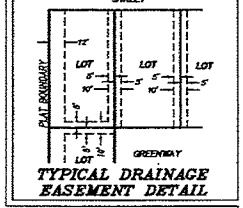
BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13178, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN







VICINITY MAP



TYPICAL DRAINAGE EASEMENT DETAIL

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WISCONSIN NOA PRIEVE S-2409 LOCK WI LAND SURVEYOR

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th, 20 14

Department of Administration

SHEET 4 OF 8

ROYSTER CORNERS

BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13176, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN

SURVEYOR'S CERTIFICATE:

I, Noa Prieve, Registered Land Surveyor, hereby certify, that in full compliance with the provisions of Chapter 236 of the Wisconsin Statutes and the subdivision regulations of the City of Madison, and under the direction of RDC Development, LLC and Madison Gas and Electric Company, owners of said land, I have surveyed, divided and mapped ROYSTER CORNERS, that such plat correctly represents all exterior boundaries and the subdivision of the land surveyed, and that this land being all of Lot 1 and Lot 2, C.S.M. No. 13176, all of Lot 1 and Lot 2, C.S.M. No. 4780, and lands, all located in the NE 1/4 of the NW 1/4 and the SE 1/4 of the NW 1/4 of Section 9, T7N, R10E, City of Madison, Dane County, Wisconsin, being more particularly described as follows:

Commencing at the North 1/4 corner of said Section 9; thence along the east line of said NW 1/4, S 00°56'53" W, 2398.73 feet; thence S 87°45'25" W, 57.40 feet to the northerly right of way line of C.T.H. "BB" and the point of beginning;

Thence along said northerly right of way line, S 87°45'25" W, 1265.03 feet to the westerly line of said C.S.M. No. 4780; thence along said westerly line and the extension thereof, N 00°35'03" W, 383.57 feet; thence N 88°01'47" E, 32.00 feet to the easterly right of way line of Royster Avenue; thence along said right of way line, N 00°35'03" W, 121.02 feet; thence continuing along said right of way line and the arc of a curve concaved westerly having a radius of 50.00 feet and a long chord bearing N 00°35'03" W, a distance of 97.98 feet; thence continuing along said right of way line, N 00°35'03" W, 796.94 feet to the northeasterly right of way line of Sargent Street; thence along said right of way line, N 58°11'02" W, 35.27 feet to the easterly line of Block 8, First Addition to Olbrich Park Addition; thence along said easterly line, N 00°27'31" W, 131.08 feet to the southwesterly railroad right of way line of Union Pacific Corporation; thence along said southwesterly railroad right of way line, S 58°15'41" E, 1512.02 feet to the westerly right of way line of Dempsey Road; thence along said right of way line, S 00°58'36" E, 702.84 feet; thence along the arc of a curve concaved northwesterly having a radius of 25.00 feet and a long chord bearing S 43°27'57" W, a distance of 34.96 feet to the point of beginning. Said parcel contains 1,431,782 square feet or 32.87 acres.

Williamson Surveying and Associates, LLC
by Noa T. Prieve & Chris W. Adams

Date May 20th, 2014

Noa T. Prieve S-2499
Registered Land Surveyor

WISCONSIN NOA PRIEVE S-2499 LODI WI LAND SURVEYOR

OWNER'S CERTIFICATE:

RDC Development, LLC, a limited liability company duly organized and existing under and by the laws of the State of Wisconsin, as owner, does hereby certify that said company caused the lands described on this plat to be surveyed, divided, mapped and dedicated as represented on this plat.
RDC Development, LLC, does further certify that this plat is required by s.236.10 or s.236.12 to be submitted to the following for approval or objection:

City of Madison Common Council
Dane County Zoning and Land Regulation Committee
Wisconsin Department of Administration

IN WITNESS WHEREOF, the hand and seal of said owners this 20th day of May, 2014.

OWNER:
RDC Development, LLC

Carl Ruedebusch
Manager

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20 day of May, 2014, Carl Ruedebusch, it's manager of RDC Development, LLC, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires 6-12-2016

Susan Hunt Gantenbein
Notary Public
Susan Hunt Gantenbein
Print Name

SUSAN HUNT-GANTENBEIN NOTARY PUBLIC STATE OF WISCONSIN

CONSENT OF MORTGAGEE:

City of Madison, a municipal corporation duly organized and existing under and by the laws of the State of Wisconsin, as mortgagee, does hereby consent to the surveying, dividing, mapping and dedication of the land described on this subdivision plat and does hereby consent to the above owner's certificates.

IN WITNESS WHEREOF, the said City of Madison, has caused these present to be signed by its corporate officers listed below at Madison, Wisconsin, on this 20th day of May, 2014.

City of Madison

Paul R. Soglin
Mayor

Maribeth Witzel-Behl for
Clerk

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20th day of May, 2014, Paul R. Soglin, it's Mayor, City of Madison, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires 9/6/15

LISA A. OLMSTED
Notary Public
State of Wisconsin

Lisa A. Olmsted
Notary Public
Lisa A. Olmsted
Print Name

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20th day of May, 2014, Rachel Rodriguez for Maribeth Witzel-Behl, it's Clerk, City of Madison, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires 2-13-2016

MICHAEL QUIETO NOTARY PUBLIC STATE OF WISCONSIN

Michael Quieto
Notary Public
Michael Quieto
Print Name

REGISTER OF DEEDS CERTIFICATE:

Received for recording this 21 day of May, 2014, at 4:07 o'clock P.M. and recorded in Volume 60-026B of Plats on Pages 129 through 133, as Document Number 5072241

Kristi Chlebowski By: Tracy Gibbs Deputy
Kristi Chlebowski, Register of Deeds, Dane County

OWNER'S CERTIFICATE:

Madison Gas and Electric Company, a corporation duly organized and existing under and by the laws of the State of Wisconsin, as owner and lessee, does hereby certify that said corporation caused the lands described on this plat to be surveyed, divided, mapped and dedicated as represented on this plat.
Madison Gas and Electric Company does further certify that this plat is required by s.236.10 or s.236.12 to be submitted to the following for approval or objection:

City of Madison Common Council
Dane County Zoning and Land Regulation Committee
Wisconsin Department of Administration

IN WITNESS WHEREOF, the hand and seal of said owners this 20th day of May, 2014.

OWNER:
Madison Gas and Electric Company

John M. Yogerst
Assistant Vice President – Gas Operations

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20th day of May, 2014, John M. Yogerst, it's Assistant Vice President – Gas Operations, of Madison Gas and Electric Company, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires is permanent

Notary Public
Danielle St. Marie Thompson
Print Name

DANIELLE ST. MARIE THOMPSON NOTARY PUBLIC STATE OF WISCONSIN

DANE COUNTY TREASURER'S CERTIFICATE:

I, T. Adam Gallagher, being duly appointed, qualified, and acting treasurer of the county of Dane, do hereby certify that, in accordance with the records in my office, there are no unpaid taxes, or unpaid special assessments as of this 19th day of May, 2014, on any of the lands included in the plat of ROYSTER CORNERS.

T. Adam Gallagher, Treasurer, Dane County

CITY OF MADISON TREASURER'S CERTIFICATE:

I, Dave Gawenda, being duly appointed, qualified, and acting treasurer of the city of Madison, do hereby certify that, in accordance with the records in my office, there are no unpaid taxes or unpaid special assessments as of this 20th day of May 20th, 2014, on any of the lands included in the plat of ROYSTER CORNERS.

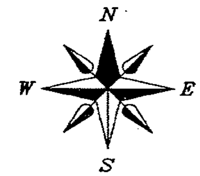
Dave Gawenda, Treasurer, City of Madison

CITY OF MADISON COMMON COUNCIL CERTIFICATE:

Resolved that this plat known as ROYSTER CORNERS, located in the City of Madison, was hereby approved by enactment number RES-13-00415, file ID number 29563, adopted on the 21st day of May, 2013, and that said enactment further provided for the acceptance of those lands dedicated and the rights conveyed by said plat to the City of Madison for public use.

Dated this 25 day of May, 2014

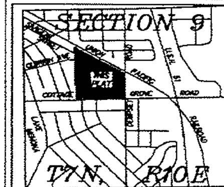
Maribeth Witzel-Behl, City Clerk, City of Madison



GRID NORTH, WISCONSIN COUNTY SYSTEM, DANE COUNTY.
EAST LINE OF NW 1/4, SECTION 9, T7N, R10E, BEARS S 00°58'58" W

SCALE 1" = 60'

0' 25' 50' 100' 150'



VICINITY MAP

NOTES:

1.) THIS SURVEY WAS PREPARED WITH CITY OF MADISON STANDARD 60-YEAR REPORT OF TITLE, PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, ORDER NO. NCS-594638-MAD.

2.) WETLANDS, IF PRESENT, HAVE NOT BEEN DELINEATED OR SHOWN.

3.) THIS PROPERTY IS LOCATED IN THE ZONE X (AREAS NOT LOCATED INSIDE THE 500-YEAR FLOOD) AS PER FLOOD INSURANCE RATE MAP FOR DANE COUNTY, WISCONSIN AND INCORPORATED AREAS, MAP NO. 55025C0428G WITH AN EFFECTIVE DATE OF JANUARY 2, 2009.

4.) COORDINATES ARE BASED ON THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY, AS PER SECTION CORNER TIE SHEETS FILED WITH DANE COUNTY SURVEYOR.

5.) THIS PARCEL IS SUBJECT TO ANY AND ALL EASEMENTS, AGREEMENTS, AND LEASES, RECORDED OR UNRECORDED.

6.) PLAT BOUNDARY AREA = 1,431,782 SQ. FT. OR 32.87 ACRES.

7.) PINNEY STREET, ROYSTER OAKS DRIVE, SILAS STREET, OLBRICH AVENUE AND THE PUBLIC ALLEY AS SHOWN IN THIS PLAT ARE DEDICATED TO THE PUBLIC FOR STREET PURPOSES.

8.) OUTLOT 2 IS DEDICATED TO THE CITY OF MADISON FOR STORM WATER MANAGEMENT. OUTLOT 1 AND OUTLOT 3 ARE PRIVATELY OWNED AND MANAGED GREENSPACES.

9.) 30' BUFFER STRIP NOTE FOR LOTS IN RESIDENTIAL DISTRICT: THIS STRIP RESERVED FOR NOISE ABATEMENT FACILITIES. THE BUILDING OF BUILDINGS HEREON IS PROHIBITED AND ANY BERMED AREA SHALL NOT BE COUNTED AS ANY REQUIRED YARD. MAINTENANCE OF THIS STRIP AND ANY FACILITIES THEREON IS THE RESPONSIBILITY OF THE OWNER.

10.) 30' BUFFER STRIP NOTE FOR ALL OTHER LOTS: THIS STRIP RESERVED FOR THE PLANTING OF TREES OR SHRUBS BY THE OWNER. THE BUILDING OF BUILDINGS HEREON IS PROHIBITED, AND THE REAR 30 FEET OF THE STRIP SHALL NOT BE COUNTED AS ANY REQUIRED YARD. MAINTENANCE OF THIS STRIP IS THE RESPONSIBILITY OF THE LOT OWNER.

11.) LOTS/BUILDINGS WITHIN THIS SUBDIVISION/DEVELOPMENT ARE SUBJECT TO IMPACT FEES THAT ARE PAYABLE AT THE TIME BUILDING PERMITS ARE ISSUED.

12.) LOT 1 OF UNDERLYING C.S.M. NO. 4780 SUBJECT TO CONDITIONS AND COVENANTS AS PER DOC. NO. 1809182.

13.) PART OF UNDERLYING LOT 1, C.S.M. NO. 4780 SUBJECT TO USE RESTRICTIONS PER DOC. NO. 2565864.

14.) PLAT SUBJECT TO EASEMENTS TO AMERICAN TRANSMISSION COMPANY AS SHOWN IN DOC. NO. 3813198. EASEMENT LOCATIONS SHOWN AS A GRAPHICAL REPRESENTATION ONLY, EASEMENT LOCATION CONTROLLED BY DOC. NO. 3813198.

15.) PLAT SUBJECT TO OBLIGATIONS PER ENCROACHMENT AGREEMENT RECORDED AS DOC. NO. 4788151 AND AMENDED BY DOC. NO. 5035176, AND 5069279.

16.) LOT 1 OF UNDERLYING C.S.M. NO. 13176 SUBJECT TO RESTRICTIONS PER DOC. NO. 4825681.

17.) PART OF LOTS 6-7, 23-24, 34, AND ALL OF LOTS 35-38 ARE SUBJECT TO NOTICE OF LEASE AGREEMENT RECORDED AS DOC. NO. 4287208 AND AMENDMENT TO LEASE AGREEMENT RECORDED AS DOC. NO. 4830729 AND A SECOND LEASE AMENDMENT RECORDED AS DOC. NO. 5025445. LEASE AGREEMENT EXPIRES DECEMBER 31, 2014.

18.) SOME EASEMENTS CREATED IN EASEMENT DOC. NO. 1062464 HAVE BEEN RELEASED AS PER DOC. NO. 4829270.

19.) PART OF PLAT SUBJECT TO ENVIRONMENTAL NOTICE RECORDED AS DOC. NO. 5071103.

20.) PER MGO 16.23(9)(d)2.c:
A.) ALL LOTS WITHIN THIS PLAT, WITH THE EXCEPTION OF LOT 8, ARE SUBJECT TO PUBLIC EASEMENTS FOR DRAINAGE PURPOSES WHICH SHALL BE A MINIMUM OF 5-FEET IN WIDTH MEASURED FROM THE PROPERTY LINE TO THE INTERIOR OF EACH LOT EXCEPT THAT THE EASEMENTS SHALL BE 12-FEET IN WIDTH ON THE PERIMETER OF THE PLAT. FOR THE PURPOSES OF TWO (2) OR MORE LOTS COMBINED FOR A SINGLE DEVELOPMENT SITE, OR WHERE TWO (2) OR MORE LOTS HAVE A SHARED DRIVEWAY AGREEMENT, THE PUBLIC EASEMENT FOR DRAINAGE PURPOSES SHALL BE A MINIMUM OF FIVE (5) FEET IN WIDTH AND SHALL BE MEASURED ONLY FROM THE EXTERIOR PROPERTY LINES OF THE COMBINED LOTS THAT CREATE A SINGLE DEVELOPMENT SITE, OR HAVE A SHARED DRIVEWAY AGREEMENT, EXCEPT THAT THE EASEMENT SHALL BE TWELVE (12) FEET IN WIDTH ALONG THE PERIMETER OF THE PLAT. EASEMENTS SHALL NOT BE REQUIRED ON PROPERTY LINES SHARED WITH GREENWAYS OR PUBLIC STREETS. NO BUILDINGS, DRIVEWAYS, OR RETAINING WALLS SHALL BE PLACED IN ANY EASEMENT FOR DRAINAGE PURPOSES. FENCES MAY BE PLACED IN THE EASEMENT ONLY IF THEY DO NOT IMPEDE THE ANTICIPATED FLOW OF WATER.

NOTE: IN THE EVENT OF A CITY OF MADISON PLAN COMMISSION AND/OR COMMON COUNCIL APPROVED REDIVISION OF A PREVIOUSLY SUBDIVIDED PROPERTY, THE UNDERLYING PUBLIC EASEMENTS FOR DRAINAGE PURPOSES ARE RELEASED AND REPLACED BY THOSE REQUIRED AND CREATED BY THE CURRENT APPROVED SUBDIVISION.

B.) THE INTRA-BLOCK DRAINAGE EASEMENTS SHALL BE GRADED WITH THE CONSTRUCTION OF EACH PRINCIPLE STRUCTURE IN ACCORDANCE WITH THE APPROVED STORM WATER DRAINAGE PLAN ON FILE WITH THE CITY ENGINEER AND THE ZONING ADMINISTRATOR, AS AMENDED IN ACCORDANCE WITH THE MADISON GENERAL ORDINANCES.

21.) PER CSM NO. 13176, LOTS 1 AND 2 OF CSM NO. 13176 ARE SUBJECT TO FOLLOWING NOTE:
ALL LOTS CREATED BY THIS CERTIFIED SURVEY MAP ARE INDIVIDUALLY RESPONSIBLE FOR COMPLIANCE WITH CHAPTER 37 OF THE MADISON GENERAL ORDINANCES IN REGARD TO STORM WATER DETENTION AT THE TIME THEY DEVELOP.

22.) PUBLIC SANITARY SEWER EASEMENTS AND PUBLIC STORM SEWER EASEMENTS DEDICATED BY THIS PLAT ARE SUBJECT TO THE FOLLOWING CONDITIONS PER MGO 16.23(3)(a)(2)(e):
A.) THE PROPERTY OWNER RESERVES THE RIGHT TO USE AND OCCUPY THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) IN A MANNER CONSISTENT WITH THE RIGHTS HEREIN CONVEYED, PROVIDED THAT SUCH USE AND OCCUPANCY SHALL NOT INTERFERE WITH OR DISTURB THE INSTALLATION, OPERATION, MAINTENANCE, REPAIR, REPLACEMENT AND/OR MODIFICATION OF THE PUBLIC SANITARY/STORM SEWER FACILITIES.
B.) NO ABOVE-GROUND IMPROVEMENTS SHALL BE LOCATED IN THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) BY THE CITY OR THE PROPERTY OWNER, WITH THE EXCEPTION THAT GRATES, SEWER ACCESS STRUCTURE (SAS) COVERS, AND OTHER ACCESS POINTS TO THE PUBLIC SANITARY/STORM SEWER FACILITIES SHALL BE PERMITTED AT GRADE LEVEL. (OPTIONAL: AND WITH THE EXCEPTION THAT PAVEMENT AND/OR CONCRETE FOR DRIVEWAY PURPOSES SHALL BE PERMITTED.)
C.) PLANTINGS AND LANDSCAPING WITHIN THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) SHALL NOT OBSTRUCT ROUTINE MAINTENANCE BY THE CITY. IN THE EVENT OF REPAIR OR RECONSTRUCTION, PLANTINGS AND LANDSCAPING MAY BE REMOVED BY THE CITY WITHOUT REPLACEMENT OR COMPENSATION TO THE PROPERTY OWNER.
D.) THE PROPERTY OWNER SHALL NOT CHANGE THE GRADE OF THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CITY'S ENGINEERING DIVISION.
E.) THE PUBLIC SANITARY/STORM SEWER EASEMENT(S) MAY NOT BE AMENDED, MODIFIED, TERMINATED, OR RELEASED WITHOUT THE WRITTEN CONSENT OF ALL THE PARTIES HERETO, OR THEIR RESPECTIVE SUCCESSORS-IN-INTEREST.

23.) A COMMON DRIVEWAY EASEMENT OR PRIVATE COMMON INGRESS/EGRESS EASEMENT IS REQUIRED FOR LOTS 2, 3 AND 5 AT THE TIME OF FINAL APPROVAL OF THOSE LOTS.

24.) SUBSOIL INFORMATION INDICATES THAT THE BASEMENT OF STRUCTURES ON ALL THE LOTS WITHIN THIS PLAT ARE TO BE AT ELEVATION 851 OR HIGHER OR THAT A STRUCTURAL PLAN OF THE STRUCTURE'S FOUNDATION SHALL BE SUBMITTED TO THE DIRECTOR OF THE BUILDING INSPECTION DIVISION FOR APPROVAL, WITH THE APPLICATION FOR A BUILDING PERMIT AS REQUIRED INFORMATION.

CURVE TABLE:

CURVE #	RADIUS	CHORD BEARING	LENGTH	ARC LENGTH	DELTA	TAN. BEARING IN	TAN. BEARING OUT
C1	25.00	S 43°27'56.5" W	34.96	38.71	88°43'15"	S 00°53'41" E	S 87°40'34" W
C1		(S 43°22'36.5" W)					
C1		(N 42°56'37.5" E)					
C2	50.00	N 00°35'03" W	97.98	136.95	156°55'42"	N 77°32'48" E	N 78°22'54" W
C2		(S 01°18'25" E)		(138.94)			
C3	25.00	S 43°22'38" W	34.95	38.71	88°42'22"		
C4	15.00	S 45°58'53" E	21.21	23.56	90°00'00"		
C5	15.00	N 46°32'18" W	21.48	23.85	91°28'26"		
C6	265.00	N 05°37'48" E	58.37	58.49	12°38'46"		
C7	185.00	N 05°35'09" E	41.73	41.82	12°57'06"		
C8	20.00	N 44°03'50.5" E	26.32	28.72	82°16'51"		
C9	185.00	S 05°37'48" W	41.44	41.53	12°51'46"		
C10	115.00	S 05°35'08" W	25.94	26.00	12°57'06"		
C11	20.00	S 45°27'21" E	26.11	28.45	81°30'10"		
C12	50.00	N 16°53'31" E	87.16	105.85	121°17'54"	N 77°32'48" E	N 43°45'06" W
C13	50.00	N 61°34'00" W	30.59	31.08	35°37'48"	N 43°45'06" W	N 79°22'54" W
C14	100.00	N 22°20'04.5" W	73.03	74.76	42°50'03"	N 43°45'06" W	
C15	15.00	N 43°56'36" E	21.17	23.51	89°47'18"		
C16	15.00	S 46°02'54" E	21.24	23.60	90°09'42"		
C17	15.00	N 52°01'28" E	23.96	27.75	105°59'02"		S 74°38'01" E
C18	120.00	S 67°08'09" E	32.77	32.87	15°41'44"	S 74°39'01" E	
C19	120.00	S 68°05'23" E	24.64	24.69	11°47'16"	S 74°38'01" E	S 63°11'45" E
C20	120.00	S 61°14'31" E	8.18	8.18	03°54'28"	S 63°11'45" E	
C21	56.00	S 14°52'20" W	30.57	30.96	31°40'46"		
C22	56.00	S 21°34'57" W	17.77	17.85	18°15'32"		S 12°27'11" W
C23	56.00	S 05°44'54" W	13.09	13.12	13°25'14"	S 12°27'11" W	
C24	15.00	N 45°36'28" W	21.22	23.57	90°00'30"		
C25	20.00	S 43°35'02.5" W	26.06	28.38	81°19'15"		
C26	120.00	S 30°05'21" E	117.08	122.31	58°23'52"		
C27	120.00	S 05°31'36" E	18.40	18.42	08°16'22"	S 10°09'47" E	
C28	120.00	S 34°43'32" E	99.76	102.89	49°07'30"	S 10°09'47" E	
C29	30.00	N 14°52'20" E	16.38	16.59	31°40'46"		
C30	15.00	N 46°01'24" W	21.25	23.62	90°12'47"		
C31	180.00	N 75°12'31" W	98.75	100.03	31°50'28"		
C32	180.00	S 30°05'21" E	175.62	183.44	58°23'52"		
C33	180.00	S 31°54'29" E	165.36	172.03	54°45'36"	S 04°31'41" E	
C34	180.00	N 02°42'33" W	11.43	11.43	03°38'16"	S 04°31'41" E	
C35	20.00	N 45°56'00" W	26.36	28.74	82°27'46"		
C36	15.00	S 44°01'07" W	21.21	23.56	90°00'00"		

LOT AREA TABLE:

[illegible]

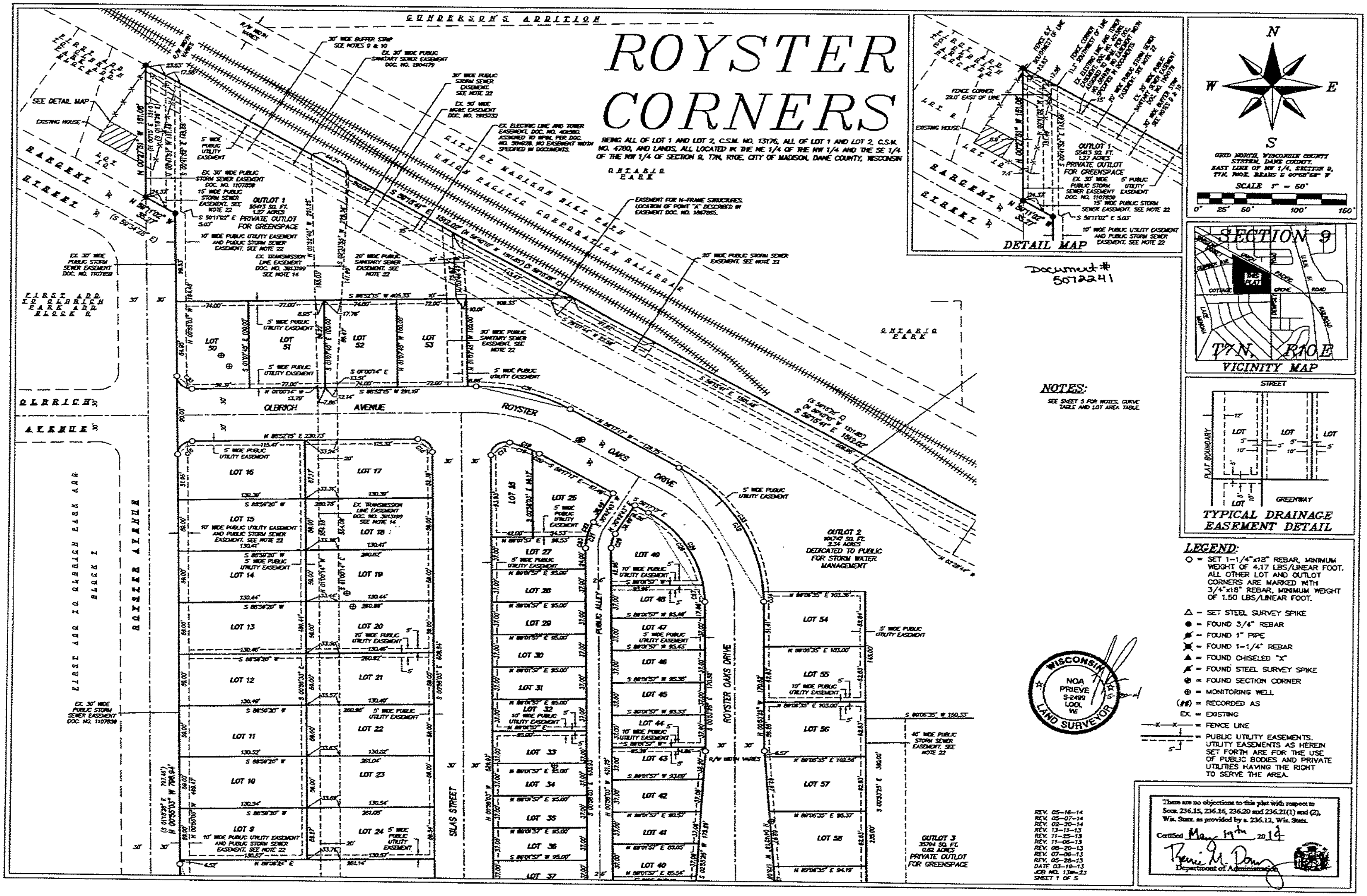
LOT	SQ. FT.	ACRES
55	6472	0.15
56	6470	0.15
57	6171	0.14
58	6000	0.14
59	5730	0.13

REV. 05-16-14
REV. 05-13-14
REV. 05-07-14
REV. 02-20-14
REV. 12-11-13
REV. 11-25-13
REV. 11-05-13
REV. 08-20-13
REV. 07-09-13
REV. 05-28-13
DATE 03-19-13
JOB NO. 13W-23
SHEET 5 OF 5

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

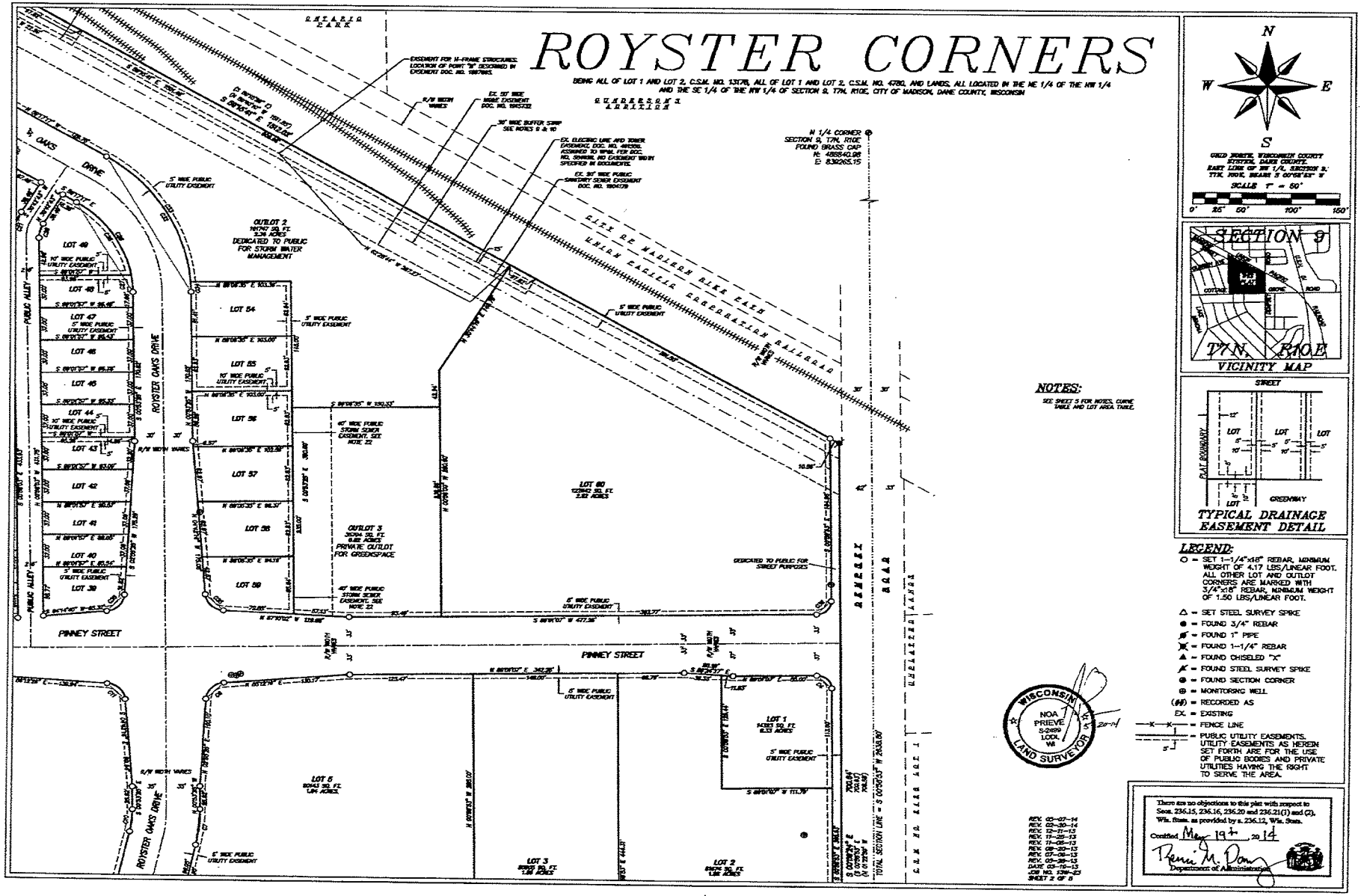
Certified May 19th, 2014

Department of Administration


ROYSTER CORNERS
BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13176, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN
GUNDERSONS ADDITION
ONTARIO PARK
SARGENT STREET
OLBRICH AVENUE
ROYSTER AVENUE
ROYSTER OAKS DRIVE
SILAS STREET
PUBLIC ALLEY
FIRST ADD. TO OLBRICH PARK ADD. BLOCK 1
OUTLOT 1 55413 SQ. FT. 1.27 ACRES PRIVATE OUTLOT FOR GREENSPACE
OUTLOT 2 DEDICATED TO PUBLIC FOR STORM WATER MANAGEMENT
OUTLOT 3 PRIVATE OUTLOT FOR GREENSPACE
DETAIL MAP
GRID NORTH, WISCONSIN COUNTY SYSTEM, DANE COUNTY.
SCALE 1" = 50'
SECTION 9
T7N R10E
VICINITY MAP
TYPICAL DRAINAGE EASEMENT DETAIL
NOTES:
SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.
LEGEND:
○ = SET 1-1/4"x18" REBAR, MINIMUM WEIGHT OF 4.17 LBS/LINEAR FOOT. ALL OTHER LOT AND OUTLOT CORNERS ARE MARKED WITH 3/4"x18" REBAR, MINIMUM WEIGHT OF 1.50 LBS/LINEAR FOOT.
△ = SET STEEL SURVEY SPIKE
● = FOUND 3/4" REBAR
= FOUND 1" PIPE
= FOUND 1-1/4" REBAR
▲ = FOUND CHISELED "X"
= FOUND STEEL SURVEY SPIKE
= FOUND SECTION CORNER
⊕ = MONITORING WELL
(##) = RECORDED AS
EX = EXISTING
= FENCE LINE
= PUBLIC UTILITY EASEMENTS. UTILITY EASEMENTS AS HEREIN SET FORTH ARE FOR THE USE OF PUBLIC BODIES AND PRIVATE UTILITIES HAVING THE RIGHT TO SERVE THE AREA.
WISCONSIN NOA PRIEVE S-2499 LODI WI LAND SURVEYOR
REV. 05-16-14
REV. 05-07-14
REV. 02-20-14
REV. 12-11-13
REV. 11-25-13
REV. 11-06-13
REV. 08-20-13
REV. 07-09-13
REV. 05-28-13
DATE 03-19-13
JOB NO. 138-25
SHEET 1 OF 5
There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.
Certified May 19th, 2014
Department of Administration

ROYSTER CORNERS

BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13178, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN



VICINITY MAP

TYPICAL DRAINAGE EASEMENT DETAIL

LEGEND:

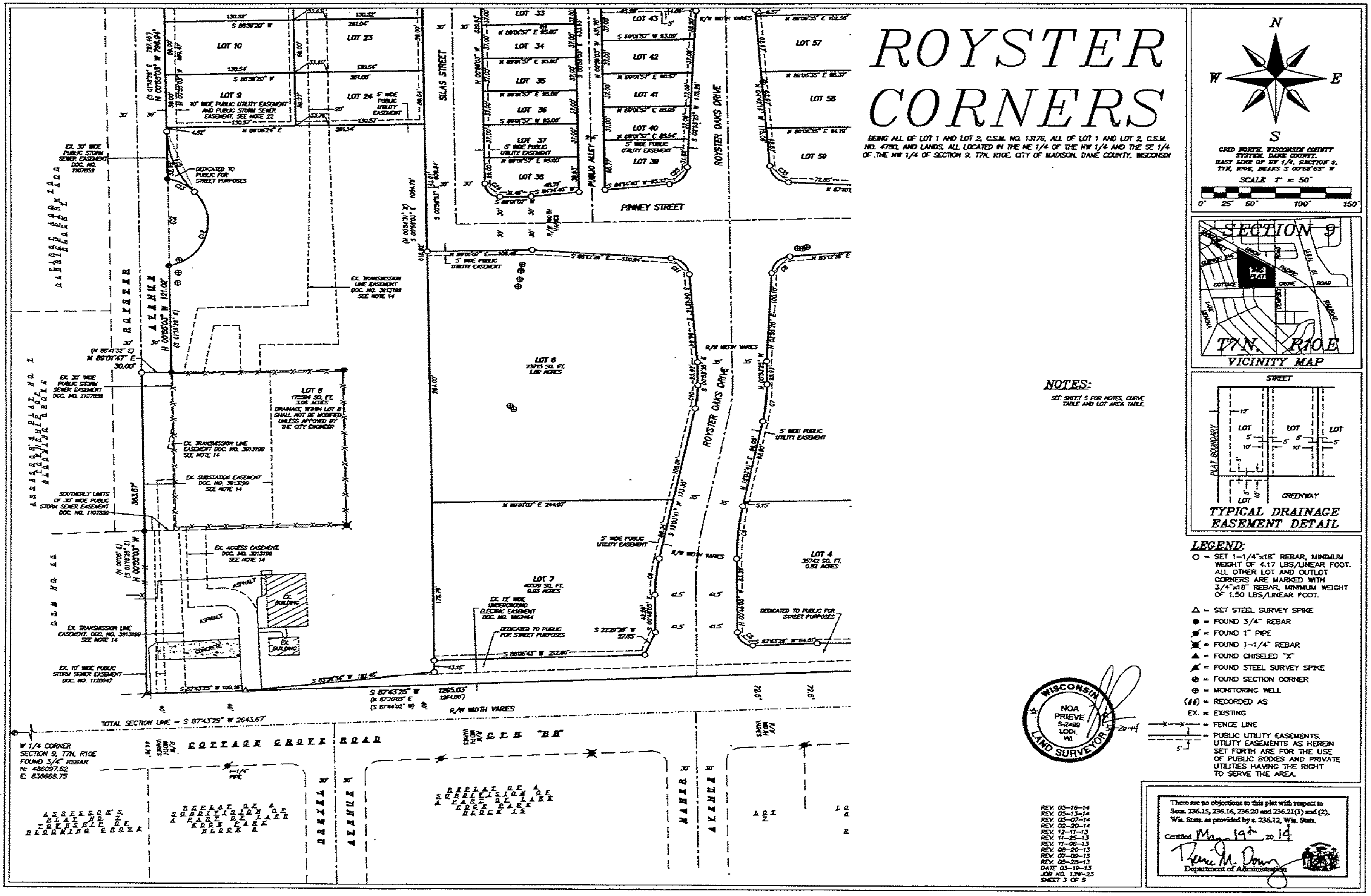
- ○ = SET 1-1/4"x18" REBAR, MINIMUM WEIGHT OF 4.17 LBS./LINEAR FOOT. ALL OTHER LOT AND OUTLOT CORNERS ARE MARKED WITH 3/4"x18" REBAR, MINIMUM WEIGHT OF 1.50 LBS/LINEAR FOOT.
- △ = SET STEEL SURVEY SPIKE
- ● = FOUND 3/4" REBAR
- ⊘ = FOUND 1" PIPE
- ⊠ = FOUND 1-1/4" REBAR
- ▲ = FOUND CHISELED "X"
- ✗ = FOUND STEEL SURVEY SPIKE
- ◉ = FOUND SECTION CORNER
- ⊕ = MONITORING WELL
- (##) = RECORDED AS
- EX. = EXISTING
- —X—X— = FENCE LINE
- —— 5' —— = PUBLIC UTILITY EASEMENTS. UTILITY EASEMENTS AS HEREIN SET FORTH ARE FOR THE USE OF PUBLIC BODIES AND PRIVATE UTILITIES HAVING THE RIGHT TO SERVE THE AREA.

WISCONSIN NOA PRIEVE S-2499 LODI WI LAND SURVEYOR

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th, 2014

Department of Administration


ROYSTER CORNERS
BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13176, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN
N
W
E
S
SCALE 1" = 50'
0' 25' 50' 100' 150'
SECTION 9
T7N, R10E
VICINITY MAP
STREET
LOT
PLAT BOUNDARY
GREENWAY
TYPICAL DRAINAGE EASEMENT DETAIL
NOTES:
SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.
LEGEND:
○ = SET 1-1/4"x18" REBAR, MINIMUM WEIGHT OF 4.17 LBS/LINEAR FOOT. ALL OTHER LOT AND OUTLOT CORNERS ARE MARKED WITH 3/4"x18" REBAR, MINIMUM WEIGHT OF 1.50 LBS/LINEAR FOOT.
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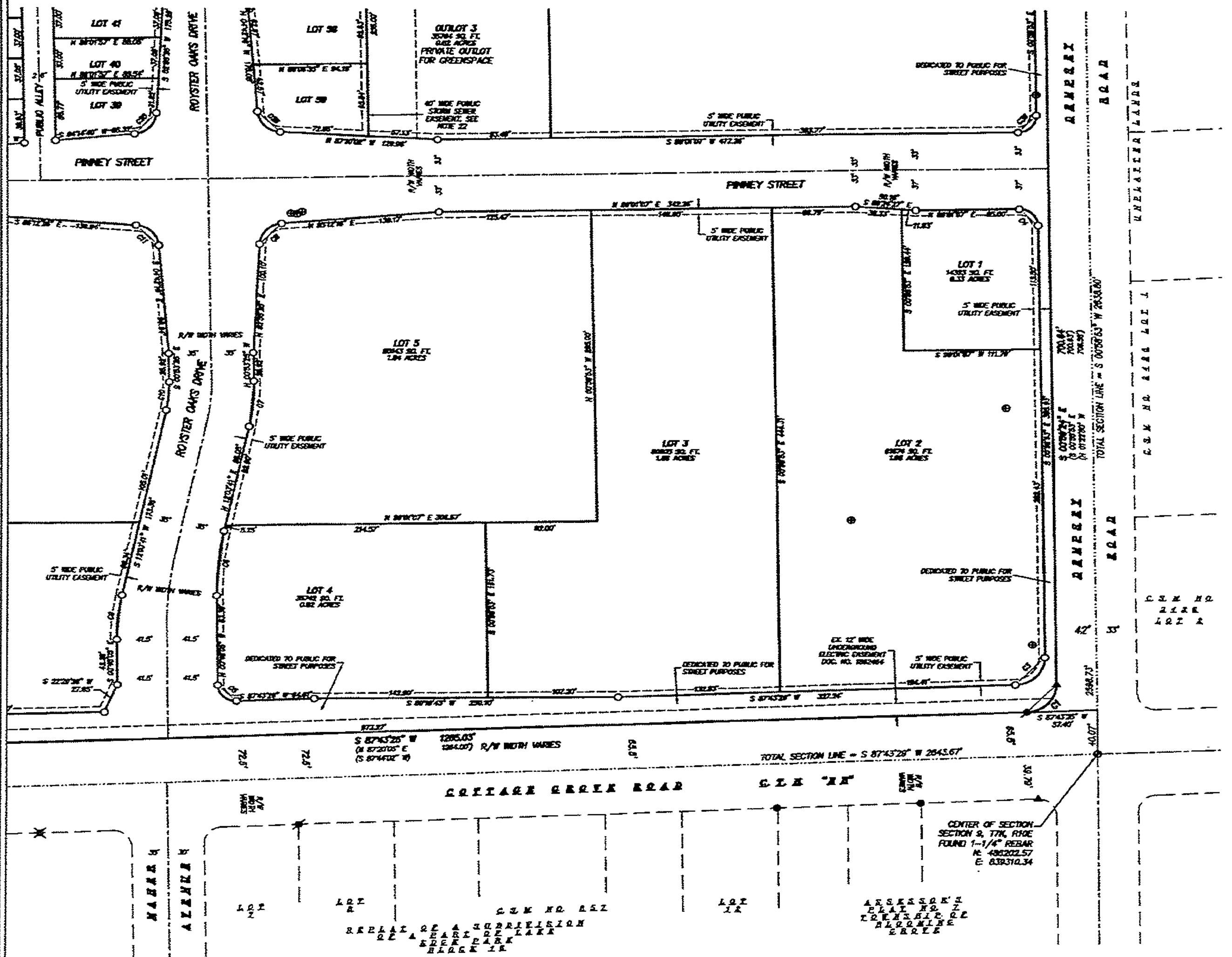
= FENCE LINE
= PUBLIC UTILITY EASEMENTS. UTILITY EASEMENTS AS HEREIN SET FORTH ARE FOR THE USE OF PUBLIC BODIES AND PRIVATE UTILITIES HAVING THE RIGHT TO SERVE THE AREA.
WISCONSIN NOA PRIEVE S-2499 LODI, WI LAND SURVEYOR
There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.
Certified May 19th, 20 14
Department of Administration
REV. 03-16-14
REV. 05-13-14
REV. 05-07-14
REV. 02-20-14
REV. 12-11-13
REV. 11-25-13
REV. 11-06-13
REV. 08-20-13
REV. 07-09-13
REV. 05-28-13
DATE 03-19-13
JOB NO. 13W-23
SHEET 3 OF 5
LOT 6
LOT 7
LOT 8
LOT 4
LOT 9
LOT 10
LOT 23
LOT 24
SILAS STREET
PINNEY STREET
ROYSTER OAKS DRIVE
PUBLIC ALLEY
COTTAGE GROVE ROAD
TOTAL SECTION LINE = S 87°43'29" W 2643.67'
W 1/4 CORNER SECTION 9, T7N, R10E FOUND 3/4" REBAR
R/W WIDTH VARIES

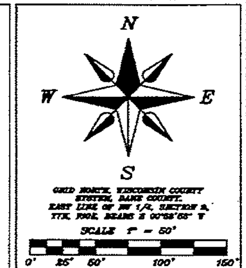
ROYSTER CORNERS

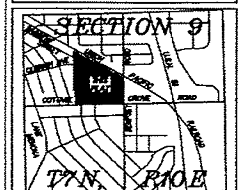
BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13178, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN



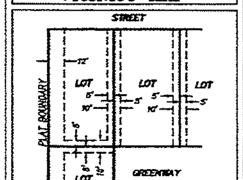
NOTES:

SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.





VICINITY MAP



TYPICAL DRAINAGE EASEMENT DETAIL

LEGEND:

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- ⊕ = MONITORING WELL
- (##) = RECORDED AS
- EX. = EXISTING
- —x—x— = FENCE LINE
- = PUBLIC UTILITY EASEMENTS. UTILITY EASEMENTS AS HEREIN SET FORTH ARE FOR THE USE OF PUBLIC BODIES AND PRIVATE UTILITIES HAVING THE RIGHT TO SERVE THE AREA.

WISCONSIN NOA PRIEVE S-2499 LODI, WI LAND SURVEYOR

5-20-14

REV. 05-07-14
REV. 02-20-14
REV. 12-11-13
REV. 11-25-13
REV. 11-08-13
REV. 08-30-13
REV. 07-09-13
REV. 05-29-13
DATE 03-19-13
JOB NO. 13W-23
SHEET 4 OF 6

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th, 2014

Department of Administration

ROYSTER CORNERS

BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13176, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN

SURVEYOR'S CERTIFICATE:

I, Noa Prieve, Registered Land Surveyor, hereby certify, that in full compliance with the provisions of Chapter 236 of the Wisconsin Statutes and the subdivision regulations of the City of Madison, and under the direction of RDC Development, LLC and Madison Gas and Electric Company, owners of said land, I have surveyed, divided and mapped ROYSTER CORNERS, that such plat correctly represents all exterior boundaries and the subdivision of the land surveyed, and that this land being all of Lot 1 and Lot 2, C.S.M. No. 13176, all of Lot 1 and Lot 2, C.S.M. No. 4780, and lands, all located in the NE 1/4 of the NW 1/4 and the SE 1/4 of the NW 1/4 of Section 9, T7N, R10E, City of Madison, Dane County, Wisconsin, being more particularly described as follows:

Commencing at the North 1/4 corner of said Section 9; thence along the east line of said NW 1/4, S 00°56'53" W, 2398.73 feet; thence S 87°45'25" W, 57.40 feet to the northerly right of way line of C.T.H. "BB" and the point of beginning;

Thence along said northerly right of way line, S 87°45'25" W, 1265.03 feet to the westerly line of said C.S.M. No. 4780; thence along said westerly line and the extension thereof, N 00°35'03" W, 383.57 feet; thence N 89°01'47" E, 30.00 feet to the easterly right of way line of Royster Avenue; thence along said right of way line, N 00°35'03" W, 127.02 feet; thence continuing along said right of way line and the arc of a curve concaved westerly having a radius of 30.00 feet and a long chord bearing N 00°35'03" W, a distance of 97.98 feet; thence continuing along said right of way line, N 00°35'03" W, 796.94 feet to the northeasterly right of way line of Sargent Street; thence along said right of way line, N 58°11'02" W, 35.27 feet to the easterly line of Block 9, First Addition to Olbrich Park Addition; thence along said easterly line, N 00°27'51" W, 151.08 feet to the southwesterly railroad right of way line of Union Pacific Corporation; thence along said northeasterly railroad right of way line, S 59°15'41" E, 1512.02 feet to the westerly right of way line of Dempsey Road; thence along said right of way line, S 00°58'24" E, 700.64 feet; thence along the arc of a curve concaved northwesterly having a radius of 25.00 feet and a long chord bearing S 43°27'57" W, a distance of 34.94 feet to the point of beginning. Said parcel contains 1,431,782 square feet or 32.87 acres.

Williamson Surveying and Associates, LLC
by Noa T. Prieve & Chris W. Adams

Date May 20th, 2014

Noa T. Prieve S-2499
Registered Land Surveyor

WISCONSIN NOA PRIEVE S-2499 LODI WI LAND SURVEYOR

OWNER'S CERTIFICATE:

RDC Development, LLC, a limited liability company duly organized and existing under and by the laws of the State of Wisconsin, as owner, does hereby certify that said company caused the lands described on this plat to be surveyed, divided, mapped and dedicated as represented on this plat.
RDC Development, LLC, does further certify that this plat is required by s.236.10 or s.236.12 to be submitted to the following for approval or objection:

City of Madison Common Council
Dane County Zoning and Land Regulation Committee
Wisconsin Department of Administration

IN WITNESS WHEREOF, the hand and seal of said owners this 20th day of May, 2014.

OWNER:
RDC Development, LLC

Carl Ruedebusch
Manager

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20 day of May, 2014, Carl Ruedebusch, it's manager of RDC Development, LLC, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires 6-12-2016

SUSAN HUNT-GANTENBEIN NOTARY PUBLIC STATE OF WISCONSIN

Susan Hunt Gantenbein
Notary Public
Susan Hunt Gantenbein
Print Name

CONSENT OF MORTGAGEE:

City of Madison, a municipal corporation duly organized and existing under and by the laws of the State of Wisconsin, as mortgagee, does hereby consent to the surveying, dividing, mapping and dedication of the land described on this subdivision plat and does hereby consent to the above owner's certificates.

IN WITNESS WHEREOF, the said City of Madison, has caused these present to be signed by its corporate officers listed below at Madison, Wisconsin, on this 30 day of May, 2014.

City of Madison

Paul R. Soglin
Mayor

Maribeth Witzel-Behl
Clerk

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 30th day of May, 2014, Paul R. Soglin, it's Mayor, City of Madison, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires 9/6/15

LISA A OLMSTED
Notary Public
State of Wisconsin

Lisa A. Olmsted
Notary Public
Lisa A. Olmsted
Print Name

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 30th day of May, 2014, ~~Maribeth Witzel-Behl~~ Rachel Rodriguez for, it's Clerk, City of Madison, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires 2-R-2016

MICHAEL QUIETO NOTARY PUBLIC STATE OF WISCONSIN

Michael Quieto
Notary Public
Michael Quieto
Print Name

REGISTER OF DEEDS CERTIFICATE:

Received for recording this 21 day of May, 2014, at 4:07 o'clock P.M. and recorded in Volume 60-026B of Plats on Pages 129 through 133, as Document Number 5072241

Kristi Chlebowski By: Tracy Gibbs Deputy
Kristi Chlebowski, Register of Deeds, Dane County

OWNER'S CERTIFICATE:

Madison Gas and Electric Company, a corporation duly organized and existing under and by the laws of the State of Wisconsin, as owner and tenant, does hereby certify that said corporation caused the lands described on this plat to be surveyed, divided, mapped and dedicated as represented on this plat.
Madison Gas and Electric Company does further certify that this plat is required by s.236.10 or s.236.12 to be submitted to the following for approval or objection:

City of Madison Common Council
Dane County Zoning and Land Regulation Committee
Wisconsin Department of Administration

IN WITNESS WHEREOF, the hand and seal of said owners this 20th day of May, 2014.

OWNER:
Madison Gas and Electric Company

John M. Yogerst
Assistant Vice President – Gas Operations

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20th day of May, 2014, John M. Yogerst, it's Assistant Vice President – Gas Operations, of Madison Gas and Electric Company, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires is permanent

DANIELLE ST. MARIE THOMPSON NOTARY PUBLIC STATE OF WISCONSIN

Notary Public
Danielle St. Marie Thompson
Print Name

DANE COUNTY TREASURER'S CERTIFICATE:

I, T. Adam Gallagher, being duly appointed, qualified, and acting treasurer of the county of Dane, do hereby certify that in accordance with the records in my office, there are no unpaid taxes, or unpaid special assessments as of this 13th day of May, 2014, on any of the lands included in the plat of ROYSTER CORNERS.

T. Adam Gallagher, Treasurer, Dane County

CITY OF MADISON TREASURER'S CERTIFICATE:

I, Dave Gawenda, being duly appointed, qualified, and acting treasurer of the city of Madison, do hereby certify that, in accordance with the records in my office, there are no unpaid taxes or unpaid special assessments as of this 20th day of May 20th, 2014, on any of the lands included in the plat of ROYSTER CORNERS.

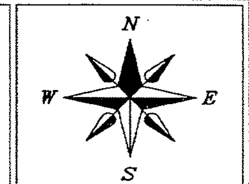
Dave Gawenda, Treasurer, City of Madison

CITY OF MADISON COMMON COUNCIL CERTIFICATE:

Resolved that this plat known as ROYSTER CORNERS, located in the City of Madison, was hereby approved by enactment number RES-13-00415, file ID number 29563, adopted on the 21st day of May, 2013 and that said enactment further provided for the acceptance of those lands dedicated and the rights conveyed by said plat to the City of Madison for public use.

Dated this 20th day of May, 2014

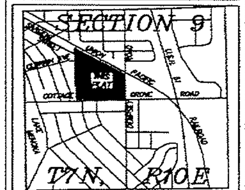
Maribeth Witzel-Behl, City Clerk, City of Madison



GRID NORTH, WISCONSIN COUNTY SYSTEM, DANE COUNTY. EAST LINE OF NW 1/4, SECTION 9, T7N, R10E, BEARS S 00°56'53" W

SCALE 1" = 50'

0' 25' 50' 100' 150'



VICINITY MAP

NOTES:

1.) THIS SURVEY WAS PREPARED WITH CITY OF MADISON STANDARD 60-YEAR REPORT OF TITLE, PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, ORDER NO. NCS-594520-MAD.

2.) WETLANDS, IF PRESENT, HAVE NOT BEEN DELINEATED OR SHOWN.

3.) THIS PROPERTY IS LOCATED IN THE ZONE X (AREAS NOT LOCATED INSIDE THE 500-YEAR FLOOD) AS PER FLOOD INSURANCE RATE MAP FOR DANE COUNTY, WISCONSIN AND INCORPORATED AREAS, MAP NO. 55025C0429G WITH AN EFFECTIVE DATE OF JANUARY 2, 2009.

4.) COORDINATES ARE BASED ON THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY, AS PER SECTION CORNER TIE SHEETS FILED WITH DANE COUNTY SURVEYOR.

5.) THIS PARCEL IS SUBJECT TO ANY AND ALL EASEMENTS, AGREEMENTS, AND LEASES, RECORDED OR UNRECORDED.

6.) PLAT BOUNDARY AREA = 1,431,782 SQ. FT. OR 32.87 ACRES.

7.) PINNEY STREET, ROYSTER OAKS DRIVE, SILAS STREET, OLBRICH AVENUE AND THE PUBLIC ALLEY AS SHOWN IN THIS PLAT ARE DEDICATED TO THE PUBLIC FOR STREET PURPOSES.

8.) OUTLOT 2 IS DEDICATED TO THE CITY OF MADISON FOR STORM WATER MANAGEMENT, OUTLOT 1 AND OUTLOT 3 ARE PRIVATELY OWNED AND MANAGED GREENSPACES.

9.) 30' BUFFER STRIP NOTE FOR LOTS IN RESIDENTIAL DISTRICT: THIS STRIP RESERVED FOR NOISE ABATEMENT FACILITIES. THE BUILDING OF BUILDINGS HEREON IS PROHIBITED AND ANY BERMED AREA SHALL NOT BE COUNTED AS ANY REQUIRED YARD. MAINTENANCE OF THIS STRIP AND ANY FACILITIES THEREON IS THE RESPONSIBILITY OF THE OWNER.

10.) 30' BUFFER STRIP NOTE FOR ALL OTHER LOTS: THIS STRIP RESERVED FOR THE PLANTING OF TREES OR SHRUBS BY THE OWNER. THE BUILDING OF BUILDINGS HEREON IS PROHIBITED, AND THE REAR 30 FEET OF THE STRIP SHALL NOT BE COUNTED AS ANY REQUIRED YARD. MAINTENANCE OF THIS STRIP IS THE RESPONSIBILITY OF THE LOT OWNER.

11.) LOTS/BUILDINGS WITHIN THIS SUBDIVISION/DEVELOPMENT ARE SUBJECT TO IMPACT FEES THAT ARE PAYABLE AT THE TIME BUILDING PERMITS ARE ISSUED.

12.) LOT 1 OF UNDERLYING C.S.M. NO. 4780 SUBJECT TO CONDITIONS AND COVENANTS AS PER DOC. NO. 1904180.

13.) PART OF UNDERLYING LOT 1, C.S.M. NO. 4780 SUBJECT TO USE RESTRICTIONS PER DOC. NO. 2565946.

14.) PLAT SUBJECT TO EASEMENTS TO AMERICAN TRANSMISSION COMPANY AS SHOWN IN DOC. NO. 3813198. EASEMENT LOCATIONS SHOWN AS A GRAPHICAL REPRESENTATION ONLY, EASEMENT LOCATION CONTROLLED BY DOC. NO. 3813199.

15.) PLAT SUBJECT TO OBLIGATIONS PER ENCROACHMENT AGREEMENT RECORDED AS DOC. NO. 4788787 AND AMENDED BY DOC. NO. 5035176, AND 5069279.

16.) LOT 1 OF UNDERLYING C.S.M. NO. 13176 SUBJECT TO RESTRICTIONS PER DOC. NO. 4825881.

17.) PART OF LOTS 6-7, 23-24, 34, AND ALL OF LOTS 35-38 ARE SUBJECT TO NOTICE OF LEASE AGREEMENT RECORDED AS DOC. NO. 4287938 AND AMENDMENT TO LEASE AGREEMENT RECORDED AS DOC. NO. 4830720 AND A SECOND LEASE AMENDMENT RECORDED AS DOC. NO. 5023445. LEASE AGREEMENT EXPIRES DECEMBER 31, 2014.

18.) SOME EASEMENTS CREATED IN EASEMENT DOC. NO. 1882464 HAVE BEEN RELEASED AS PER DOC. NO. 4825270.

19.) PART OF PLAT SUBJECT TO ENVIRONMENTAL NOTICE RECORDED AS DOC. NO. 5071103

20.) PER MGO 16.23(9)(d)2.c
A.) ALL LOTS WITHIN THIS PLAT, WITH THE EXCEPTION OF LOT 8, ARE SUBJECT TO PUBLIC EASEMENTS FOR DRAINAGE PURPOSES WHICH SHALL BE A MINIMUM OF 5-FEET IN WIDTH MEASURED FROM THE PROPERTY LINE TO THE INTERIOR OF EACH LOT EXCEPT THAT THE EASEMENTS SHALL BE 12-FEET IN WIDTH ON THE PERIMETER OF THE PLAT. FOR THE PURPOSES OF TWO (2) OR MORE LOTS COMBINED FOR A SINGLE DEVELOPMENT SITE, OR WHERE TWO (2) OR MORE LOTS HAVE A SHARED DRIVEWAY AGREEMENT, THE PUBLIC EASEMENT FOR DRAINAGE PURPOSES SHALL BE A MINIMUM OF FIVE (5) FEET IN WIDTH AND SHALL BE MEASURED ONLY FROM THE EXTERIOR PROPERTY LINES OF THE COMBINED LOTS THAT CREATE A SINGLE DEVELOPMENT SITE, OR HAVE A SHARED DRIVEWAY AGREEMENT, EXCEPT THAT THE EASEMENT SHALL BE TWELVE (12) FEET IN WIDTH ALONG THE PERIMETER OF THE PLAT. EASEMENTS SHALL NOT BE REQUIRED ON PROPERTY LINES SHARED WITH GREENWAYS OR PUBLIC STREETS. NO BUILDINGS, DRIVEWAYS, OR RETAINING WALLS SHALL BE PLACED IN ANY EASEMENT FOR DRAINAGE PURPOSES. FENCES MAY BE PLACED IN THE EASEMENT ONLY IF THEY DO NOT IMPEDE THE ANTICIPATED FLOW OF WATER.

NOTE: IN THE EVENT OF A CITY OF MADISON PLAN COMMISSION AND/OR COMMON COUNCIL APPROVED REDIVISION OF A PREVIOUSLY SUBDIVIDED PROPERTY, THE UNDERLYING PUBLIC EASEMENTS FOR DRAINAGE PURPOSES ARE RELEASED AND REPLACED BY THOSE REQUIRED AND CREATED BY THE CURRENT APPROVED SUBDIVISION.

B.) THE INTRA-BLOCK DRAINAGE EASEMENTS SHALL BE GRADED WITH THE CONSTRUCTION OF EACH PRINCIPLE STRUCTURE IN ACCORDANCE WITH THE APPROVED STORM WATER DRAINAGE PLAN ON FILE WITH THE CITY ENGINEER AND THE ZONING ADMINISTRATOR, AS AMENDED IN ACCORDANCE WITH THE MADISON GENERAL ORDINANCES.

21.) PER CSM NO. 13176, LOTS 1 AND 2 OF CSM NO. 13176 ARE SUBJECT TO FOLLOWING NOTE:
ALL LOTS CREATED BY THIS CERTIFIED SURVEY MAP ARE INDIVIDUALLY RESPONSIBLE FOR COMPLIANCE WITH CHAPTER 37 OF THE MADISON GENERAL ORDINANCES IN REGARD TO STORM WATER DETENTION AT THE TIME THEY DEVELOP.

22.) PUBLIC SANITARY SEWER EASEMENTS AND PUBLIC STORM SEWER EASEMENTS DEDICATED BY THIS PLAT ARE SUBJECT TO THE FOLLOWING CONDITIONS PER MGO 16.23(3)(a)(7)(c):
A.) THE PROPERTY OWNER RESERVES THE RIGHT TO USE AND OCCUPY THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) IN A MANNER CONSISTENT WITH THE RIGHTS HEREIN CONVEYED, PROVIDED THAT SUCH USE AND OCCUPANCY SHALL NOT INTERFERE WITH OR DISTURB THE INSTALLATION, OPERATION, MAINTENANCE, REPAIR, REPLACEMENT AND/OR MODIFICATION OF THE PUBLIC SANITARY/STORM SEWER FACILITIES.
B.) NO ABOVE-GROUND IMPROVEMENTS SHALL BE LOCATED IN THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) BY THE CITY OR THE PROPERTY OWNER, WITH THE EXCEPTION THAT GRATES, SEWER ACCESS STRUCTURE (SAS) COVERS, AND OTHER ACCESS POINTS TO THE PUBLIC SANITARY/STORM SEWER FACILITIES SHALL BE PERMITTED AT GRADE LEVEL. (OPTIONAL: AND WITH THE EXCEPTION THAT PAVEMENT AND/OR CONCRETE FOR DRIVEWAY PURPOSES SHALL BE PERMITTED.)
C.) PLANTINGS AND LANDSCAPING WITHIN THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) SHALL NOT OBSTRUCT ROUTINE MAINTENANCE BY THE CITY. IN THE EVENT OF REPAIR OR RECONSTRUCTION, PLANTINGS AND LANDSCAPING MAY BE REMOVED BY THE CITY WITHOUT REPLACEMENT OR COMPENSATION TO THE PROPERTY OWNER.
D.) THE PROPERTY OWNER SHALL NOT CHANGE THE GRADE OF THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CITY'S ENGINEERING DIVISION.
E.) THE PUBLIC SANITARY/STORM SEWER EASEMENT(S) MAY NOT BE AMENDED, MODIFIED, TERMINATED, OR RELEASED WITHOUT THE WRITTEN CONSENT OF ALL THE PARTIES HERETO, OR THEIR RESPECTIVE SUCCESSORS-IN-INTEREST.

23.) A COMMON DRIVEWAY EASEMENT OR PRIVATE COMMON INGRESS/EGRESS EASEMENT IS REQUIRED FOR LOTS 2, 3 AND 5 AT THE TIME OF FINAL APPROVAL OF THOSE LOTS.

24.) SUBSOIL INFORMATION INDICATES THAT THE BASEMENT OF STRUCTURES ON ALL THE LOTS WITHIN THIS PLAT ARE TO BE AT ELEVATION 851 OR HIGHER OR THAT A STRUCTURAL PLAN OF THE STRUCTURE'S FOUNDATION SHALL BE SUBMITTED TO THE DIRECTOR OF THE BUILDING INSPECTION DIVISION FOR APPROVAL WITH THE APPLICATION FOR A BUILDING PERMIT AS REQUIRED INFORMATION.

CURVE TABLE:

CURVE #	RADIUS	CHORD BEARING	LENGTH	ARC LENGTH	DELTA	TAN. BEARING IN	TAN. BEARING OUT
C1	25.00	S 43°27'34.5" W	34.96	38.71	88°43'15"	S 00°53'41" E	S 87°48'34" W
C1		(S 43°22'35.5" W)					
C1		(N 42°38'37.5" E)					
C2	30.00	N 00°35'03" W	97.98	135.95	159°35'42"	N 77°32'48" E	N 79°22'54" W
C2		(S 01°18'28" E)		(136.04)			
C3	25.00	S 43°22'18" W	34.95	38.71	88°42'22"		
C4	15.00	S 45°54'53" E	21.31	23.56	90°00'00"		
C5	15.00	N 46°32'18" W	21.44	23.95	91°28'26"		
C6	265.00	N 05°37'46" E	58.37	58.49	12°38'46"		
C7	185.00	N 05°35'06" E	41.73	41.82	12°57'06"		
C8	20.00	N 44°03'50.5" E	26.32	28.72	82°16'51"		
C9	185.00	S 05°37'46" W	41.44	41.53	12°51'46"		
C10	115.00	S 05°35'06" W	25.94	26.00	12°57'06"		
C11	20.00	S 45°27'23" E	26.31	28.45	81°30'10"		
C12	50.00	N 16°53'51" E	87.16	105.85	121°17'54"	N 77°32'48" E	N 43°45'06" W
C13	50.00	N 61°34'00" W	30.59	31.08	35°37'48"	N 43°45'06" W	N 79°22'54" W
C14	100.00	N 22°20'04.5" W	73.03	74.76	42°50'03"	N 43°45'06" W	
C15	15.00	N 43°58'36" E	21.17	23.51	89°47'18"		
C16	15.00	S 46°02'34" E	21.24	23.60	90°09'42"		
C17	15.00	N 52°01'28" E	23.96	27.75	105°59'02"		S 74°58'01" E
C18	120.00	S 67°06'06" E	32.77	32.87	15°41'44"	S 74°58'01" E	
C19	120.00	S 68°05'23" E	24.64	24.68	11°47'16"	S 74°58'01" E	S 63°11'45" E
C20	120.00	S 61°14'31" E	8.18	8.18	03°54'28"	S 63°11'45" E	
C21	56.00	S 14°52'20" W	30.57	30.96	31°40'46"		
C22	56.00	S 21°34'57" W	17.77	17.85	18°15'32"		S 12°27'11" W
C23	56.00	S 05°44'34" W	13.09	13.12	13°25'14"	S 12°27'11" W	
C24	15.00	N 45°38'28" W	21.22	23.57	90°00'30"		
C25	20.00	S 45°35'02.5" W	25.06	28.39	81°19'15"		
C26	120.00	S 30°05'21" E	117.08	122.31	58°23'52"		
C27	120.00	S 05°31'36" E	18.40	18.42	08°36'22"	S 10°09'47" E	
C28	120.00	S 34°13'32" E	99.76	102.89	49°07'30"	S 10°09'47" E	
C29	30.00	N 14°32'20" E	16.38	16.59	31°40'46"		
C30	15.00	N 46°01'24" W	21.25	23.62	90°12'47"		
C31	180.00	N 75°12'31" W	98.75	100.03	31°50'28"		
C32	180.00	S 30°05'21" E	175.82	183.46	58°23'52"		
C33	180.00	S 31°54'29" E	165.36	172.03	54°45'36"	S 04°31'41" E	
C34	180.00	N 02°42'33" W	11.43	11.43	03°38'16"	S 04°31'41" E	
C35	20.00	N 45°56'06" W	26.36	28.78	82°27'46"		
C36	15.00	S 44°01'07" W	21.21	23.56	90°00'00"		

LOT AREA TABLE:

LOT	SQ. FT.	ACRES
[illegible]	[illegible]	[illegible]

LOT	SQ. FT.	ACRES
[illegible]	[illegible]	[illegible]

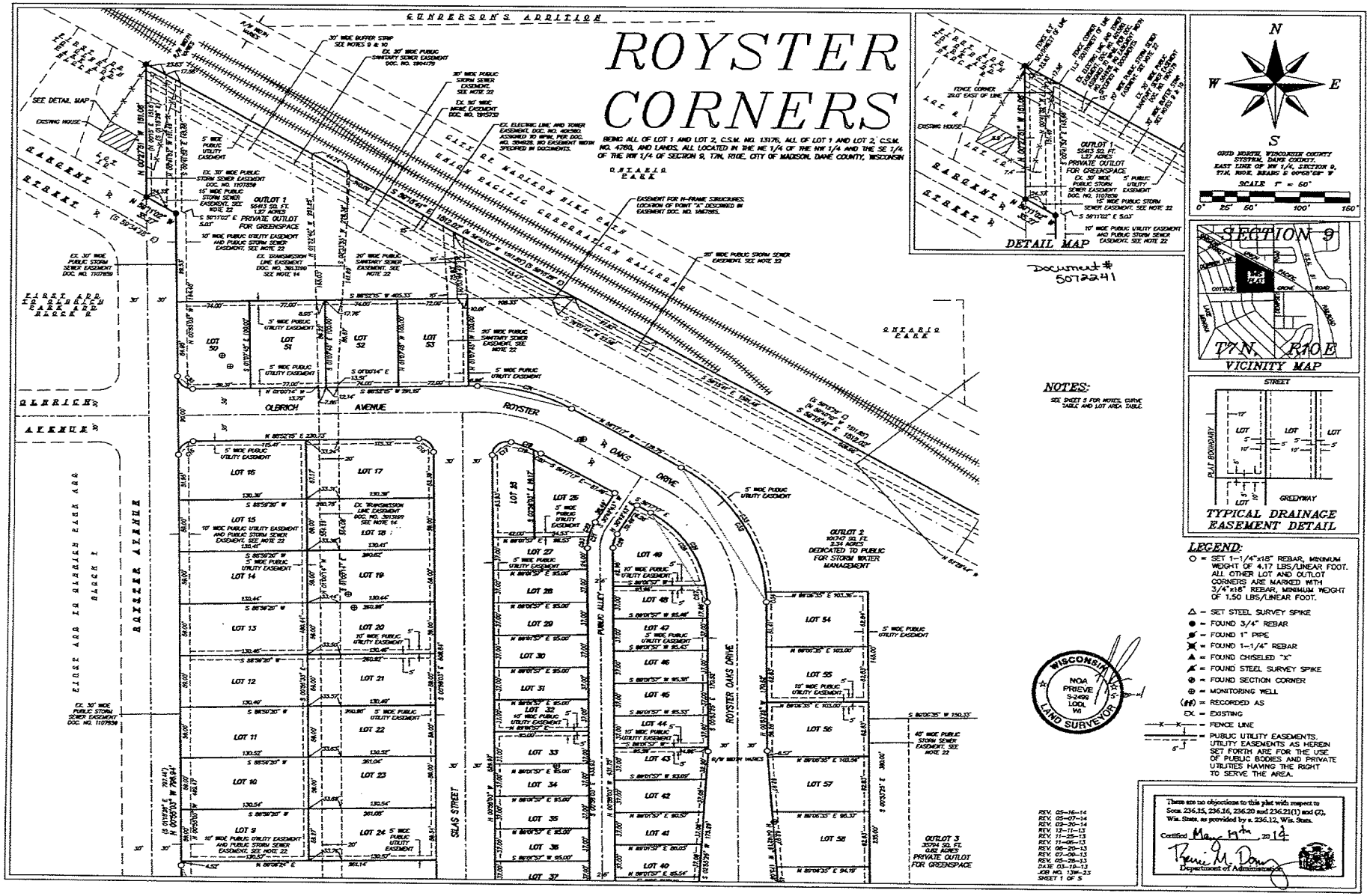
LOT	SQ. FT.	ACRES
55	6472	0.15
56	6470	0.15
57	6173	0.14
58	6060	0.14
59	5730	0.13

REV. 05-16-14
REV. 05-13-14
REV. 05-07-14
REV. 02-20-14
REV. 12-11-13
REV. 11-25-13
REV. 11-08-13
REV. 08-20-13
REV. 07-08-13
REV. 05-28-13
DATE 03-19-13
JOB NO. 13W-23
SHEET 5 OF 5

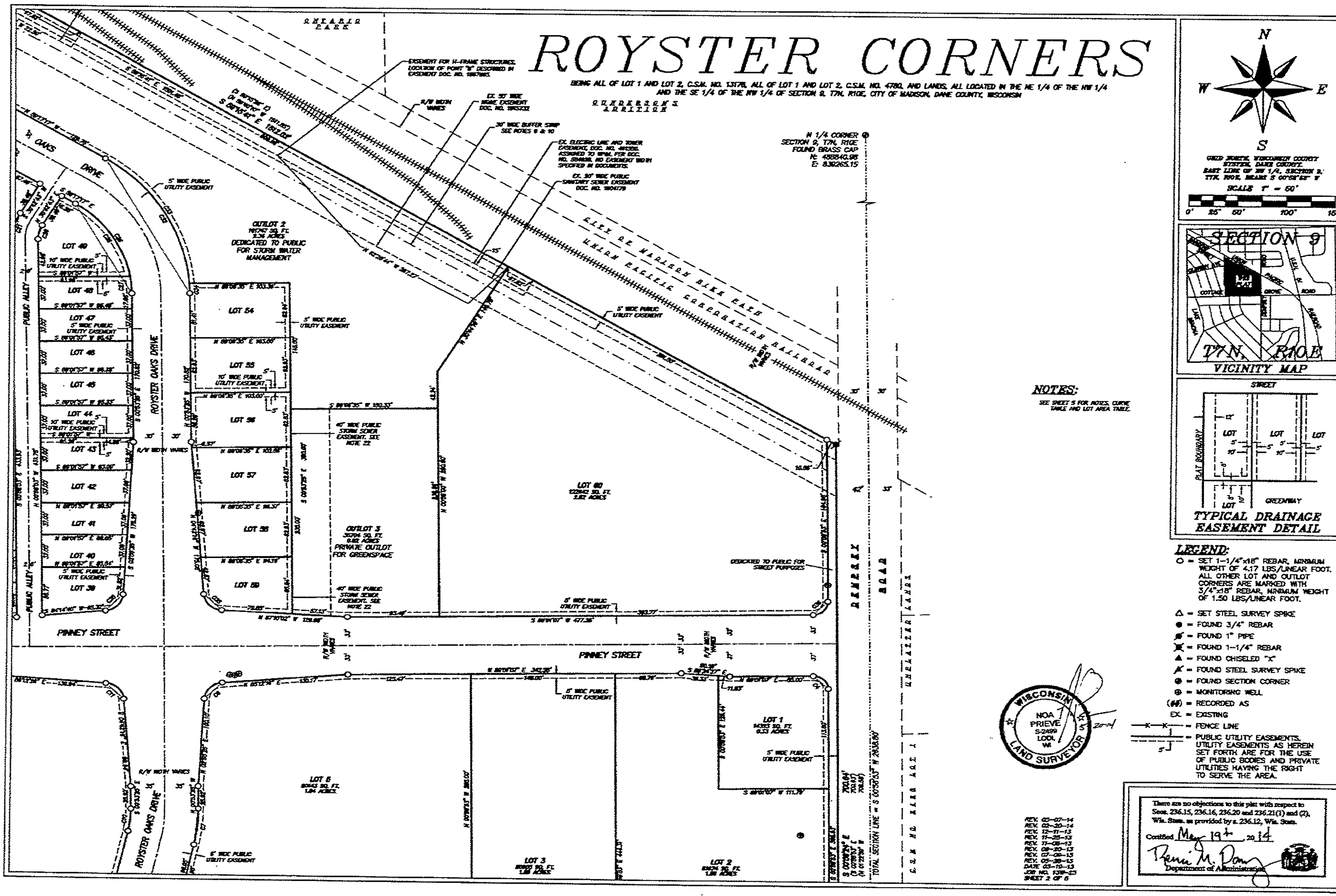
There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th, 2014

Department of Administration

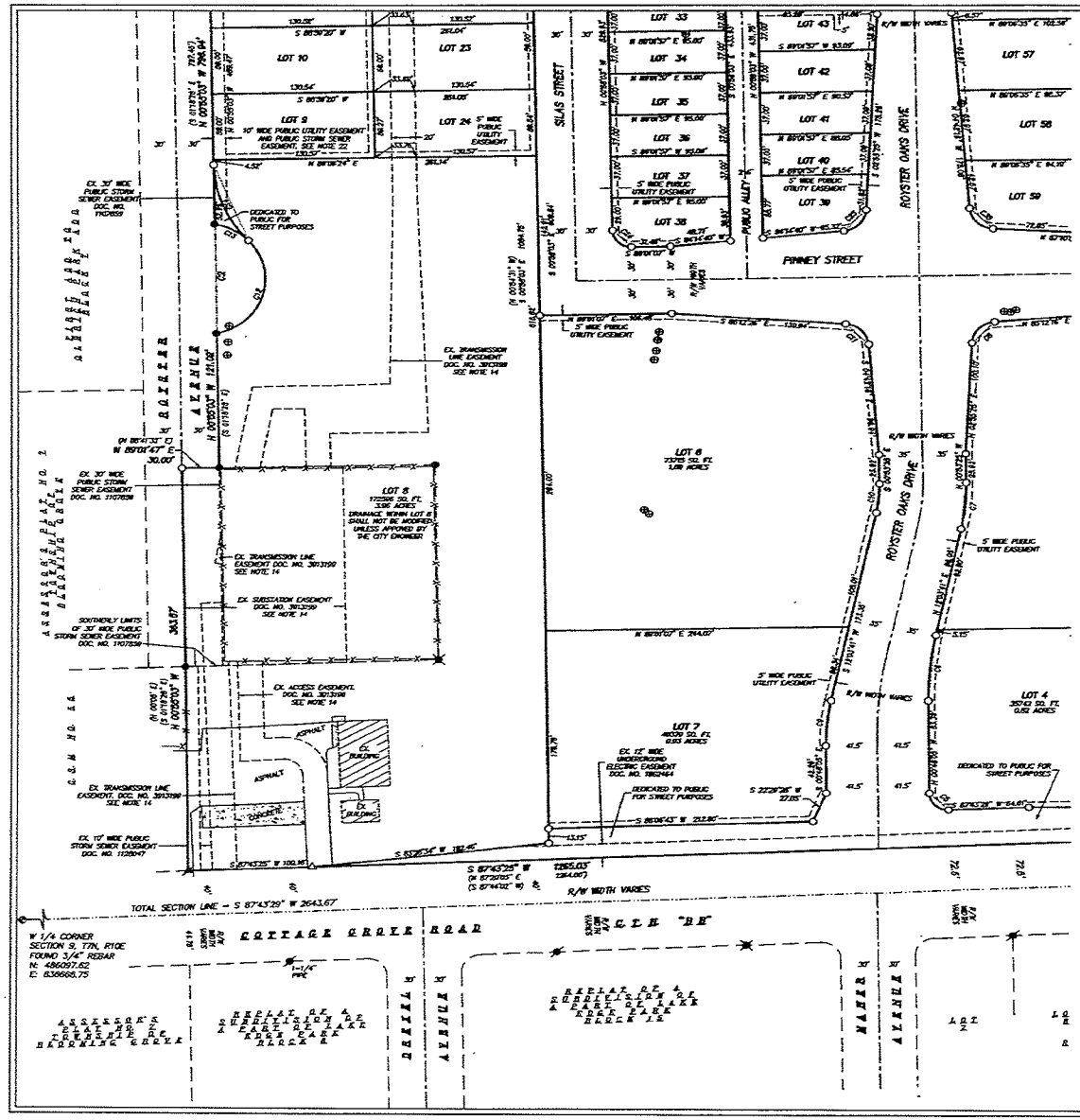


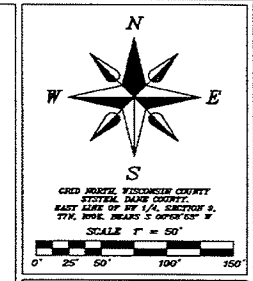
Document # 5072241

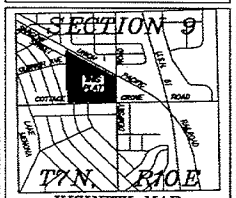

ROYSTER CORNERS
BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13176, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN
N 1/4 CORNER SECTION 9, T7N, R10E FOUND BRASS CAP
OUTLOT 2 DEDICATED TO PUBLIC FOR STORM WATER MANAGEMENT
OUTLOT 3 PRIVATE OUTLOT FOR GREENSPACE
LOT 60
LOT 1
LOT 2
LOT 3
LOT 5
PINNEY STREET
ROYSTER OAKS DRIVE
PUBLIC ALLEY
DEDICATED TO PUBLIC FOR STREET PURPOSES
NOTES:
SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.
SECTION 9
T7N, R10E
VICINITY MAP
TYPICAL DRAINAGE EASEMENT DETAIL
LEGEND:
○ = SET 1-1/4"x18" REBAR, MINIMUM WEIGHT OF 4.17 LBS/LINEAR FOOT. ALL OTHER LOT AND OUTLOT CORNERS ARE MARKED WITH 3/4"x18" REBAR, MINIMUM WEIGHT OF 1.50 LBS/LINEAR FOOT.
△ = SET STEEL SURVEY SPIKE
● = FOUND 3/4" REBAR
= FOUND 1" PIPE
= FOUND 1-1/4" REBAR
▲ = FOUND CHISELED "X"
= FOUND STEEL SURVEY SPIKE
= FOUND SECTION CORNER
= MONITORING WELL
(##) = RECORDED AS
EX. = EXISTING
—K—K— = FENCE LINE
= PUBLIC UTILITY EASEMENTS. UTILITY EASEMENTS AS HEREIN SET FORTH ARE FOR THE USE OF PUBLIC BODIES AND PRIVATE UTILITIES HAVING THE RIGHT TO SERVE THE AREA.
WISCONSIN NOA PRIEVE S-2499 LODI, WI LAND SURVEYOR
There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.
Certified May 19th 2014
Department of Administration
SHEET 2 OF 6

ROYSTER CORNERS

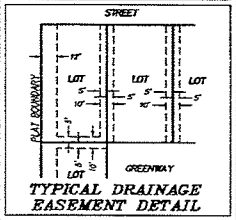
BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13775, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN







VICINITY MAP



TYPICAL DRAINAGE EASEMENT DETAIL

NOTES:

SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.

LEGEND:

- ○ = SET 1-1/4"x18" REBAR, MINIMUM WEIGHT OF 4.17 LBS/LINEAR FOOT. ALL OTHER LOT AND OUTLOT CORNERS ARE MARKED WITH 3/4"x18" REBAR, MINIMUM WEIGHT OF 1.50 LBS/LINEAR FOOT.
- △ = SET STEEL SURVEY SPIKE
- ● = FOUND 3/4" REBAR
- ⊘ = FOUND 1" PIPE
- ⊠ = FOUND 1-1/4" REBAR
- ▲ = FOUND CHISELED "X"
- ✕ = FOUND STEEL SURVEY SPIKE
- ⊕ = FOUND SECTION CORNER
- ⊕ = MONITORING WELL
- (#) = RECORDED AS
- EX. = EXISTING
- ——x——x—— = FENCE LINE
- ——— = PUBLIC UTILITY EASEMENTS. UTILITY EASEMENTS AS HEREIN SET FORTH ARE FOR THE USE OF PUBLIC BODIES AND PRIVATE UTILITIES HAVING THE RIGHT TO SERVE THE AREA.

WISCONSIN LAND SURVEYOR NOA PRIEVE S-2499 LODI WI

REV. 09-16-14
REV. 09-15-14
REV. 09-02-14
REV. 09-02-14
REV. 12-11-13
REV. 11-26-13
REV. 11-06-13
REV. 08-20-13
REV. 07-09-13
REV. 06-28-13
DATE 03-19-13
JOB NO. 13W-23
SHEET 3 OF 5

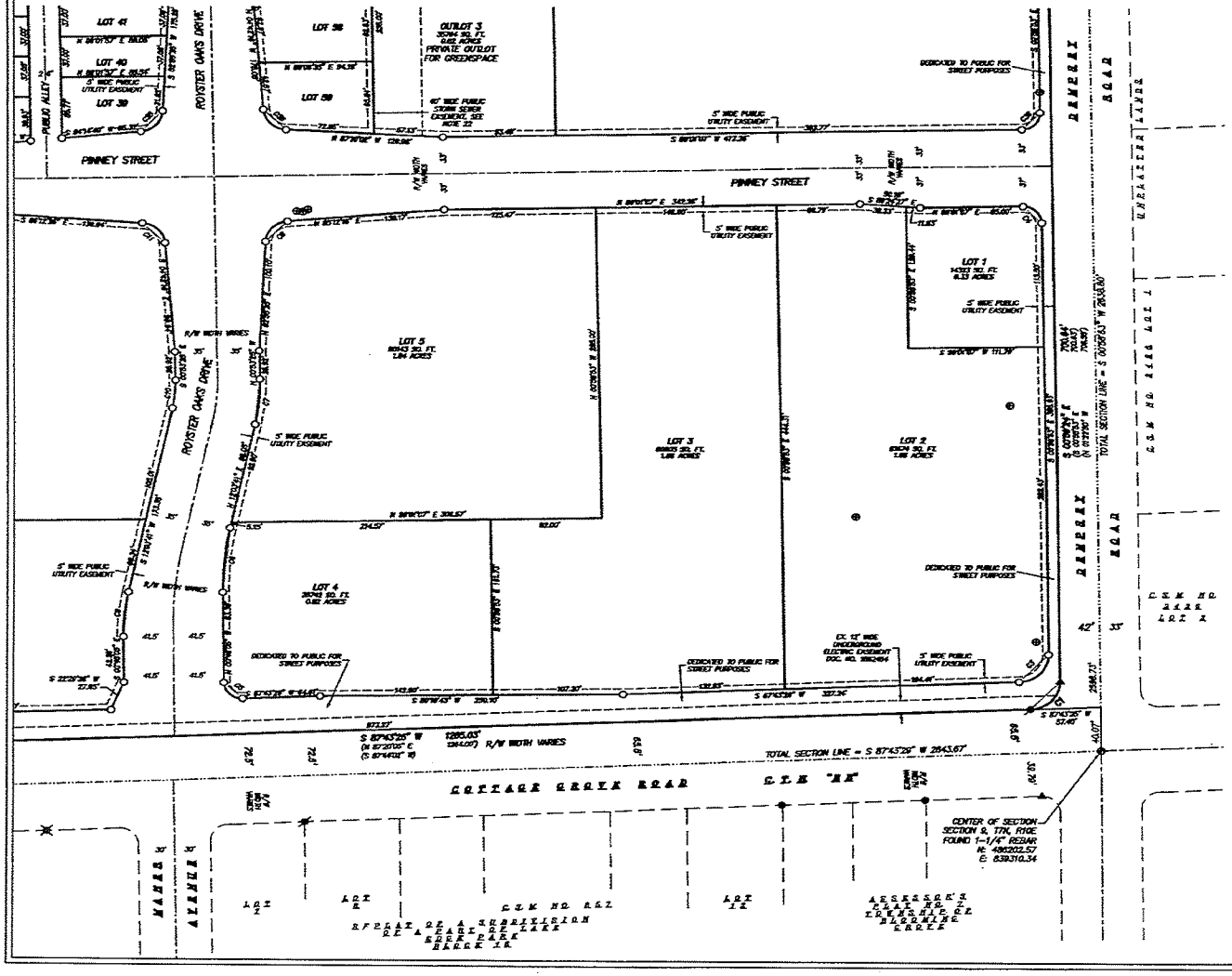
There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th, 2014

Department of Administration

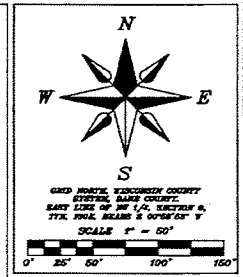
ROYSTER CORNERS

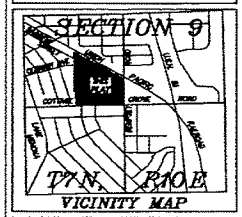
BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13178, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN



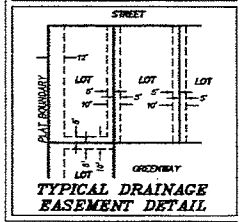
NOTES:

SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.





VICINITY MAP



TYPICAL DRAINAGE EASEMENT DETAIL

LEGEND:

- ○ = SET 1-1/4"x18" REBAR, MINIMUM WEIGHT OF 4.17 LBS/LINEAR FOOT. ALL OTHER LOT AND OUTLOT CORNERS ARE MARKED WITH 3/4"x18" REBAR, MINIMUM WEIGHT OF 1.50 LBS/LINEAR FOOT.
- △ = SET STEEL SURVEY SPIKE
- ● = FOUND 3/4" REBAR
- ⊗ = FOUND 1" PIPE
- ⊠ = FOUND 1-1/4" REBAR
- ▲ = FOUND CHISELED "X"
- ⊿ = FOUND STEEL SURVEY SPIKE
- ⊘ = FOUND SECTION CORNER
- ⊕ = MONITORING WELL
- (##) = RECORDED AS
- EX. = EXISTING
- K—K— = FENCE LINE
- = PUBLIC UTILITY EASEMENTS. UTILITY EASEMENTS AS HEREIN SET FORTH ARE FOR THE USE OF PUBLIC BODIES AND PRIVATE UTILITIES HAVING THE RIGHT TO SERVE THE AREA.

WISCONSIN NOA PRIEVE S-2499 LODI WI LAND SURVEYOR

SHEET 4 OF 5

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th 20 14

Department of Administration

ROYSTER CORNERS

BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13176, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN

SURVEYOR'S CERTIFICATE:

I, Noa Prieve, Registered Land Surveyor, hereby certify, that in full compliance with the provisions of Chapter 236 of the Wisconsin Statutes and the subdivision regulations of the City of Madison, and under the direction of RDC Development, LLC and Madison Gas and Electric Company, owners of said land, I have surveyed, divided and mapped ROYSTER CORNERS, that such plat correctly represents all exterior boundaries and the subdivision of the land surveyed, and that this land being all of Lot 1 and Lot 2, C.S.M. No. 13176, all of Lot 1 and Lot 2, C.S.M. No. 4780, and lands, all located in the NE 1/4 of the NW 1/4 and the SE 1/4 of the NW 1/4 of Section 9, T7N, R10E, City of Madison, Dane County, Wisconsin, being more particularly described as follows:

Commencing at the North 1/4 corner of said Section 9; thence along the east line of said NW 1/4, S 00°56'53" W, 2396.73 feet; thence S 87°45'25" W, 57.40 feet to the northerly right of way line of C.T.H. "BB" and the point of beginning;

Thence along said northerly right of way line, S 87°45'25" W, 1263.03 feet to the westerly line of said C.S.M. No. 4780; thence along said westerly line and the extension thereof, N 00°55'03" W, 363.57 feet; thence N 89°01'47" E, 30.00 feet to the easterly right of way line of Royster Avenue; thence along said right of way line, N 00°55'03" W, 121.02 feet; thence continuing along said right of way line and the arc of a curve concaved westerly having a radius of 30.00 feet and a long chord bearing N 00°55'03" W, a distance of 97.98 feet; thence continuing along said right of way line, N 00°55'03" W, 796.94 feet to the northeasterly right of way line of Sargent Street; thence along said right of way line, N 58°11'02" W, 35.27 feet to the easterly line of Block 8, First Addition to Olbrich Park Addition; thence along said easterly line, N 00°27'31" W, 151.60 feet to the southwesterly railroad right of way line of Union Pacific Corporation; thence along said southwesterly railroad right of way line, S 58°15'41" E, 1512.02 feet to the westerly right of way line of Dempsey Road; thence along said right of way line, S 00°59'24" E, 700.84 feet; thence along the arc of a curve concaved northwesterly having a radius of 25.00 feet and a long chord bearing S 43°27'57" W, a distance of 34.96 feet to the point of beginning. Said parcel contains 1,431,782 square feet or 32.87 acres.

Date May 20th, 2014

Williamson Surveying and Associates, LLC
by Noa T. Prieve & Chris W. Adams

Noa T. Prieve S-2499
Registered Land Surveyor

WISCONSIN NOA PRIEVE S-2499 LODI WI LAND SURVEYOR

OWNER'S CERTIFICATE:

RDC Development, LLC, a limited liability company duly organized and existing under and by the laws of the State of Wisconsin, as owner, does hereby certify that said company caused the lands described on this plat to be surveyed, divided, mapped and dedicated as represented on this plat.
RDC Development, LLC, does further certify that this plat is required by s.236.10 or s.236.12 to be submitted to the following for approval or objection:

City of Madison Common Council
Dane County Zoning and Land Regulation Committee
Wisconsin Department of Administration

IN WITNESS WHEREOF, the hand and of said owners this 20th day of May, 2014.

OWNER:
RDC Development, LLC

Carl Ruedebusch
Manager

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20 day of May, 2014, Carl Ruedebusch, it's manager of RDC Development, LLC and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires 6-12-2016

Susan Hurt Gantenbein
Notary Public
Susan Hurt Gantenbein
Print Name

SUSAN HURT-GANTENBEIN NOTARY PUBLIC STATE OF WISCONSIN

CONSENT OF MORTGAGEE:

City of Madison, a municipal corporation duly organized and existing under and by the laws of the State of Wisconsin, as mortgagee, does hereby consent to the surveying, dividing, mapping and dedication of the land described on this subdivision plat and does hereby consent to the above owner's certificates.

IN WITNESS WHEREOF, the said City of Madison, has caused these present to be signed by its corporate officers listed below at Madison, Wisconsin, on this 20th day of May, 2014.

City of Madison

Paul R. Soglin
Mayor

Maribeth Witzel-Behl
Clerk

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 13th day of May, 2014, Paul R. Soglin, it's Mayor, City of Madison, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires 9/6/15

LISA A OLMSTED Notary Public State of Wisconsin

Lisa A. Olmsted
Notary Public
Lisa A. Olmsted
Print Name

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20th day of May, 2014, Rachel Rodriguez for ~~Maribeth Witzel-Behl~~, it's Clerk, City of Madison, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires 2-13-2016

MICHAEL QUIETO NOTARY PUBLIC STATE OF WISCONSIN

Michael Quieto
Notary Public
Michael Quieto
Print Name

REGISTER OF DEEDS CERTIFICATE:

Received for recording this 21 day of May, 2014, at 4:07 o'clock P.M. and recorded in Volume 60-026A of Plats on Pages 129 through 133, as Document Number 5072241

Kristi Chlebowski By: Tracy Gibbs Deputy
Kristi Chlebowski, Register of Deeds, Dane County

OWNER'S CERTIFICATE:

Madison Gas and Electric Company, a corporation duly organized and existing under and by the laws of the State of Wisconsin, as owner and tenant, does hereby certify that said corporation caused the lands described on this plat to be surveyed, divided, mapped and dedicated as represented on this plat.
Madison Gas and Electric Company does further certify that this plat is required by s.236.10 or s.236.12 to be submitted to the following for approval or objection:

City of Madison Common Council
Dane County Zoning and Land Regulation Committee
Wisconsin Department of Administration

IN WITNESS WHEREOF, the hand and seal of said owners this 20th day of May, 2014.

OWNER:
Madison Gas and Electric Company

John M. Younger
Assistant Vice President – Gas Operations

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20th day of May, 2014, John M. Younger, it's Assistant Vice President – Gas Operations, of Madison Gas and Electric Company, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin
My commission expires is permanent

DANIELE ST. MARIE THOMPSON NOTARY PUBLIC STATE OF WISCONSIN

Notary Public
Daniele St. Marie Thompson
Print Name

DANE COUNTY TREASURER'S CERTIFICATE:

I, T. Adam Gallagher, being duly appointed, qualified, and acting treasurer of the county of Dane, do hereby certify that, in accordance with the records in my office, there are no unpaid taxes, or unpaid special assessments as of this 13th day of May, 2014, on any of the lands included in the plat of ROYSTER CORNERS.

T. Adam Gallagher, Treasurer, Dane County

CITY OF MADISON TREASURER'S CERTIFICATE:

I, Dave Gawenda, being duly appointed, qualified, and acting treasurer of the city of Madison, do hereby certify that, in accordance with the records in my office, there are no unpaid taxes or unpaid special assessments as of this 20th day of May 20th, 2014 on any of the lands included in the plat of ROYSTER CORNERS.

Dave Gawenda, Treasurer, City of Madison

CITY OF MADISON COMMON COUNCIL CERTIFICATE:

Resolved that this plat known as ROYSTER CORNERS, located in the City of Madison, was hereby approved by enactment number RES-13-00415, file ID number 29563, adopted on the 21st day of May, 2013, and that said enactment further provided for the acceptance of those lands dedicated and the rights conveyed by said plat to the City of Madison for public use.

Dated this 20th day of May, 2014

Maribeth Witzel-Behl, City Clerk, City of Madison

NOTES:

1.) THIS SURVEY WAS PREPARED WITH CITY OF MADISON STANDARD 60-YEAR REPORT OF TITLE, PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, ORDER NO. NCS-594509-MAD.

2.) WETLANDS, IF PRESENT, HAVE NOT BEEN DELINEATED OR SHOWN.

3.) THIS PROPERTY IS LOCATED IN THE ZONE X (AREAS NOT LOCATED INSIDE THE 500-YEAR FLOOD) AS PER FLOOD INSURANCE RATE MAP FOR DANE COUNTY, WISCONSIN AND INCORPORATED AREAS, MAP NO. 55025C0429G WITH AN EFFECTIVE DATE OF JANUARY 2, 2009.

4.) COORDINATES ARE BASED ON THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY, AS PER SECTION CORNER TIE SHEETS FILED WITH DANE COUNTY SURVEYOR.

5.) THIS PARCEL IS SUBJECT TO ANY AND ALL EASEMENTS, AGREEMENTS, AND LEASES, RECORDED OR UNRECORDED.

6.) PLAT BOUNDARY AREA = 1,431,782 SQ. FT. OR 32.87 ACRES.

7.) PINNEY STREET, ROYSTER OAKS DRIVE, SILAS STREET, OLBRICH AVENUE AND THE PUBLIC ALLEY AS SHOWN IN THIS PLAT ARE DEDICATED TO THE PUBLIC FOR STREET PURPOSES.

8.) OUTLOT 2 IS DEDICATED TO THE CITY OF MADISON FOR STORM WATER MANAGEMENT. OUTLOT 1 AND OUTLOT 3 ARE PRIVATELY OWNED AND MANAGED GREENSPACES.

9.) 30' BUFFER STRIP NOTE FOR LOTS IN RESIDENTIAL DISTRICT: THIS STRIP RESERVED FOR NOISE ABATEMENT FACILITIES. THE BUILDING OF BUILDINGS HEREON IS PROHIBITED AND ANY BERMED AREA SHALL NOT BE COUNTED AS ANY REQUIRED YARD. MAINTENANCE OF THIS STRIP AND ANY FACILITIES THEREON IS THE RESPONSIBILITY OF THE OWNER.

10.) 30' BUFFER STRIP NOTE FOR ALL OTHER LOTS: THIS STRIP RESERVED FOR THE PLANTING OF TREES OR SHRUBS BY THE OWNER; THE BUILDING OF BUILDINGS HEREON IS PROHIBITED, AND THE REAR 30 FEET OF THE STRIP SHALL NOT BE COUNTED AS ANY REQUIRED YARD. MAINTENANCE OF THIS STRIP IS THE RESPONSIBILITY OF THE LOT OWNER.

11.) LOTS/BUILDINGS WITHIN THIS SUBDIVISION/DEVELOPMENT ARE SUBJECT TO IMPACT FEES THAT ARE PAYABLE AT THE TIME BUILDING PERMITS ARE ISSUED.

12.) LOT 1 OF UNDERLYING C.S.M. NO. 4780 SUBJECT TO CONDITIONS AND COVENANTS AS PER DOC. NO. 1804180.

13.) PART OF UNDERLYING LOT 1, C.S.M. NO. 4780 SUBJECT TO USE RESTRICTIONS PER DOC. NO. 2362866.

14.) PLAT SUBJECT TO EASEMENTS TO AMERICAN TRANSMISSION COMPANY AS SHOWN IN DOC. NO. 3813198. EASEMENT LOCATIONS SHOWN AS A GRAPHICAL REPRESENTATION ONLY, EASEMENT LOCATION CONTROLLED BY DOC. NO. 3813198.

15.) PLAT SUBJECT TO OBLIGATIONS PER ENCROACHMENT AGREEMENT RECORDED AS DOC. NO. 4788151 AND AMENDED BY DOC. NO. 5035176, AND 5069279.

16.) LOT 1 OF UNDERLYING C.S.M. NO. 13176 SUBJECT TO RESTRICTIONS PER DOC. NO. 4825681.

17.) PART OF LOTS 6-7, 23-24, 34, AND ALL OF LOTS 35-38 ARE SUBJECT TO NOTICE OF LEASE AGREEMENT RECORDED AS DOC. NO. 4287998 AND AMENDMENT TO LEASE AGREEMENT RECORDED AS DOC. NO. 4830729 AND A SECOND LEASE AMENDMENT RECORDED AS DOC. NO. 5073445. LEASE AGREEMENT EXPIRES DECEMBER 31, 2014.

18.) SOME EASEMENTS CREATED IN EASEMENT DOC. NO. 1882464 HAVE BEEN RELEASED AS PER DOC. NO. 4829270.

19.) PART OF PLAT SUBJECT TO ENVIRONMENTAL NOTICE RECORDED AS DOC. NO. 5071103

20.) PER MGO 16.23(9)(d)2.a:

A.) ALL LOTS WITHIN THIS PLAT, WITH THE EXCEPTION OF LOT 8, ARE SUBJECT TO PUBLIC EASEMENTS FOR DRAINAGE PURPOSES WHICH SHALL BE A MINIMUM OF 5-FEET IN WIDTH MEASURED FROM THE PROPERTY LINE TO THE INTERIOR OF EACH LOT EXCEPT THAT THE EASEMENTS SHALL BE 12-FEET IN WIDTH ON THE PERIMETER OF THE PLAT. FOR THE PURPOSES OF TWO (2) OR MORE LOTS COMBINED FOR A SINGLE DEVELOPMENT SITE, OR WHERE TWO (2) OR MORE LOTS HAVE A SHARED DRIVEWAY AGREEMENT, THE PUBLIC EASEMENT FOR DRAINAGE PURPOSES SHALL BE A MINIMUM OF FIVE (5) FEET IN WIDTH AND SHALL BE MEASURED ONLY FROM THE EXTERIOR PROPERTY LINES OF THE COMBINED LOTS THAT CREATE A SINGLE DEVELOPMENT SITE, OR HAVE A SHARED DRIVEWAY AGREEMENT, EXCEPT THAT THE EASEMENT SHALL BE TWELVE (12) FEET IN WIDTH ALONG THE PERIMETER OF THE PLAT. EASEMENTS SHALL NOT BE REQUIRED ON PROPERTY LINES SHARED WITH GREENWAYS OR PUBLIC STREETS. NO BUILDINGS, DRIVEWAYS, OR RETAINING WALLS SHALL BE PLACED IN ANY EASEMENT FOR DRAINAGE PURPOSES. FENCES MAY BE PLACED IN THE EASEMENT ONLY IF THEY DO NOT IMPEDE THE ANTICIPATED FLOW OF WATER.

NOTE: IN THE EVENT OF A CITY OF MADISON PLAN COMMISSION AND/OR COMMON COUNCIL APPROVED REDIVISION OF A PREVIOUSLY SUBDIVIDED PROPERTY, THE UNDERLYING PUBLIC EASEMENTS FOR DRAINAGE PURPOSES ARE RELEASED AND REPLACED BY THOSE REQUIRED AND CREATED BY THE CURRENT APPROVED SUBDIVISION.

B.) THE INTRA-BLOCK DRAINAGE EASEMENTS SHALL BE GRADED WITH THE CONSTRUCTION OF EACH PRINCIPLE STRUCTURE IN ACCORDANCE WITH THE APPROVED STORM WATER DRAINAGE PLAN ON FILE WITH THE CITY ENGINEER AND THE ZONING ADMINISTRATOR, AS AMENDED IN ACCORDANCE WITH THE MADISON GENERAL ORDINANCES.

21.) PER CSM NO. 13176, LOTS 1 AND 2 OF CSM NO. 13176 ARE SUBJECT TO FOLLOWING NOTE:
ALL LOTS CREATED BY THIS CERTIFIED SURVEY MAP ARE INDIVIDUALLY RESPONSIBLE FOR COMPLIANCE WITH CHAPTER 37 OF THE MADISON GENERAL ORDINANCES IN REGARD TO STORM WATER DETENTION AT THE TIME THEY DEVELOP.

22.) PUBLIC SANITARY SEWER EASEMENTS AND PUBLIC STORM SEWER EASEMENTS DEDICATED BY THIS PLAT ARE SUBJECT TO THE FOLLOWING CONDITIONS PER MGO 16.23(3)(a)(2)(c):

A.) THE PROPERTY OWNER RESERVES THE RIGHT TO USE AND OCCUPY THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) IN A MANNER CONSISTENT WITH THE RIGHTS HEREIN CONVEYED, PROVIDED THAT SUCH USE AND OCCUPANCY SHALL NOT INTERFERE WITH OR DISTURB THE INSTALLATION, OPERATION, MAINTENANCE, REPAIR, REPLACEMENT AND/OR MODIFICATION OF THE PUBLIC SANITARY/STORM SEWER FACILITIES.

B.) NO ABOVE-GROUND IMPROVEMENTS SHALL BE LOCATED IN THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) BY THE CITY OR THE PROPERTY OWNER, WITH THE EXCEPTION THAT GRATES, SEWER ACCESS STRUCTURE (SAS) COVERS, AND OTHER ACCESS POINTS TO THE PUBLIC SANITARY/STORM SEWER FACILITIES SHALL BE PERMITTED AT GRADE LEVEL. (OPTIONAL: AND WITH THE EXCEPTION THAT PAVEMENT AND/OR CONCRETE FOR DRIVEWAY PURPOSES SHALL BE PERMITTED.)

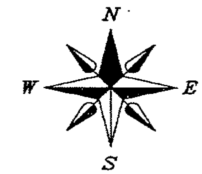
C.) PLANTINGS AND LANDSCAPING WITHIN THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) SHALL NOT OBSTRUCT ROUTINE MAINTENANCE BY THE CITY. IN THE EVENT OF REPAIR OR RECONSTRUCTION, PLANTINGS AND LANDSCAPING MAY BE REMOVED BY THE CITY WITHOUT REPLACEMENT OR COMPENSATION TO THE PROPERTY OWNER.

D.) THE PROPERTY OWNER SHALL NOT CHANGE THE GRADE OF THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CITY'S ENGINEERING DIVISION.

E.) THE PUBLIC SANITARY/STORM SEWER EASEMENT(S) MAY NOT BE AMENDED, MODIFIED, TERMINATED, OR RELEASED WITHOUT THE WRITTEN CONSENT OF ALL THE PARTIES HERETO, OR THEIR RESPECTIVE SUCCESSORS-IN-INTEREST.

23.) A COMMON DRIVEWAY EASEMENT OR PRIVATE COMMON INGRESS/EGRESS EASEMENT IS REQUIRED FOR LOTS 2, 3 AND 5 AT THE TIME OF FINAL APPROVAL OF THOSE LOTS.

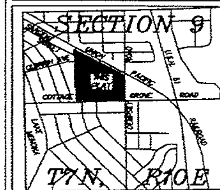
24.) SUBSOIL INFORMATION INDICATES THAT THE BASEMENT OF STRUCTURES ON ALL THE LOTS WITHIN THIS PLAT ARE TO BE AT ELEVATION 851 OR HIGHER OR THAT A STRUCTURAL PLAN OF THE STRUCTURE'S FOUNDATION SHALL BE SUBMITTED TO THE DIRECTOR OF THE BUILDING INSPECTION DIVISION FOR APPROVAL WITH THE APPLICATION FOR A BUILDING PERMIT AS REQUIRED INFORMATION.



GRID NORTH, WISCONSIN COUNTY SYSTEM, DANE COUNTY.
EAST LINE OF NW 1/4, SECTION 9, T7N, R10E, BEARS S 00°56'53" W

SCALE 1" = 50'

0' 25' 50' 100' 150'



VICINITY MAP

CURVE TABLE:

CURVE #	RADIUS	CHORD BEARING	LENGTH	ARC LENGTH	DELTA	TAN. BEARING IN	TAN. BEARING OUT
C1	25.00	S 43°27'56.5" W	34.96	38.71	88°43'15"	S 00°53'41" E	S 87°48'34" W
C1		(S 43°22'35.5" W)					
C1		(N 42°38'37.5" E)					
C2	30.00	N 00°35'03" W	97.98	136.95	156°35'42"	N 77°32'46" E	N 78°22'34" W
C2		(S 01°18'25" E)		(136.94)			
C3	25.00	S 43°22'18" W	34.95	38.71	88°42'22"		
C4	15.00	S 45°58'53" E	21.21	23.56	90°00'00"		
C5	15.00	N 46°32'18" W	21.48	23.95	91°28'26"		
C6	285.00	N 05°37'48" E	50.37	50.49	12°51'46"		
C7	185.00	N 05°35'08" E	41.73	41.82	12°57'06"		
C8	20.00	N 44°03'50.5" E	26.32	28.72	82°16'51"		
C9	185.00	S 05°37'48" W	41.44	41.53	12°51'46"		
C10	115.00	S 05°35'08" W	25.94	26.00	12°57'06"		
C11	20.00	S 45°27'21" E	26.11	28.45	81°30'10"		
C12	50.00	N 16°53'31" E	87.76	105.85	121°17'54"	N 77°32'46" E	N 43°45'06" W
C13	50.00	N 61°34'00" W	30.59	31.08	35°37'48"	N 43°45'06" W	N 79°22'54" W
C14	100.00	N 22°20'06.5" W	73.03	74.76	42°50'03"	N 43°45'06" W	
C15	15.00	N 45°58'36" E	21.17	23.51	89°47'18"		
C16	15.00	S 46°02'34" E	21.24	23.60	90°09'42"		
C17	15.00	N 52°01'28" E	23.86	27.75	105°59'02"		S 74°39'01" E
C18	120.00	S 67°08'08" E	32.77	32.87	15°41'46"	S 74°39'01" E	
C19	120.00	S 68°35'23" E	24.64	24.69	11°47'16"	S 74°39'01" E	S 63°11'45" E
C20	120.00	S 61°14'31" E	8.18	8.18	03°54'28"	S 63°11'45" E	
C21	56.00	S 14°32'20" W	30.57	30.96	31°40'46"		
C22	56.00	S 21°34'57" W	17.77	17.85	18°15'32"		S 12°27'11" W
C23	56.00	S 05°44'34" W	13.09	13.12	13°25'14"	S 12°27'11" W	
C24	15.00	N 45°36'28" W	21.22	23.57	90°00'30"		
C25	20.00	S 43°35'02.5" W	25.06	28.39	81°19'15"		
C26	120.00	S 30°05'21" E	117.06	122.31	58°23'32"		
C27	120.00	S 05°31'36" E	18.40	18.42	08°16'22"	S 10°00'47" E	
C28	120.00	S 34°45'32" E	99.76	102.89	49°07'30"	S 10°00'47" E	
C29	30.00	N 14°32'20" E	16.38	16.59	31°40'46"		
C30	15.00	N 45°01'24" W	21.25	23.62	90°12'47"		
C31	180.00	N 75°12'31" W	98.75	100.03	31°50'28"		
C32	180.00	S 30°05'21" E	175.62	183.46	58°23'32"		
C33	180.00	S 31°54'29" E	165.56	172.03	54°45'36"	S 04°31'41" E	
C34	180.00	N 02°42'33" W	11.43	11.43	03°38'16"	S 04°31'41" E	
C35	30.00	N 45°56'00" W	26.36	28.74	52°27'46"		
C36	15.00	S 44°01'07" W	21.21	23.56	90°00'00"		

LOT AREA TABLE:

[illegible]

LOT	SQ. FT.	ACRES
55	6477	0.15
56	6470	0.15
57	6313	0.14
58	6060	0.14
59	5750	0.13

REV. 05-16-14
REV. 05-13-14
REV. 05-07-14
REV. 02-20-14
REV. 12-11-13
REV. 11-25-13
REV. 11-06-13
REV. 08-20-13
REV. 07-09-13
REV. 05-28-13
DATE 03-19-13
JOB NO. 13W-23
SHEET 5 OF 5

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th, 2014

Department of Administration

Properties 1-27 listed on Form 4400-246 reference the attached plat entitled First Addition to Olbrich Park Addition

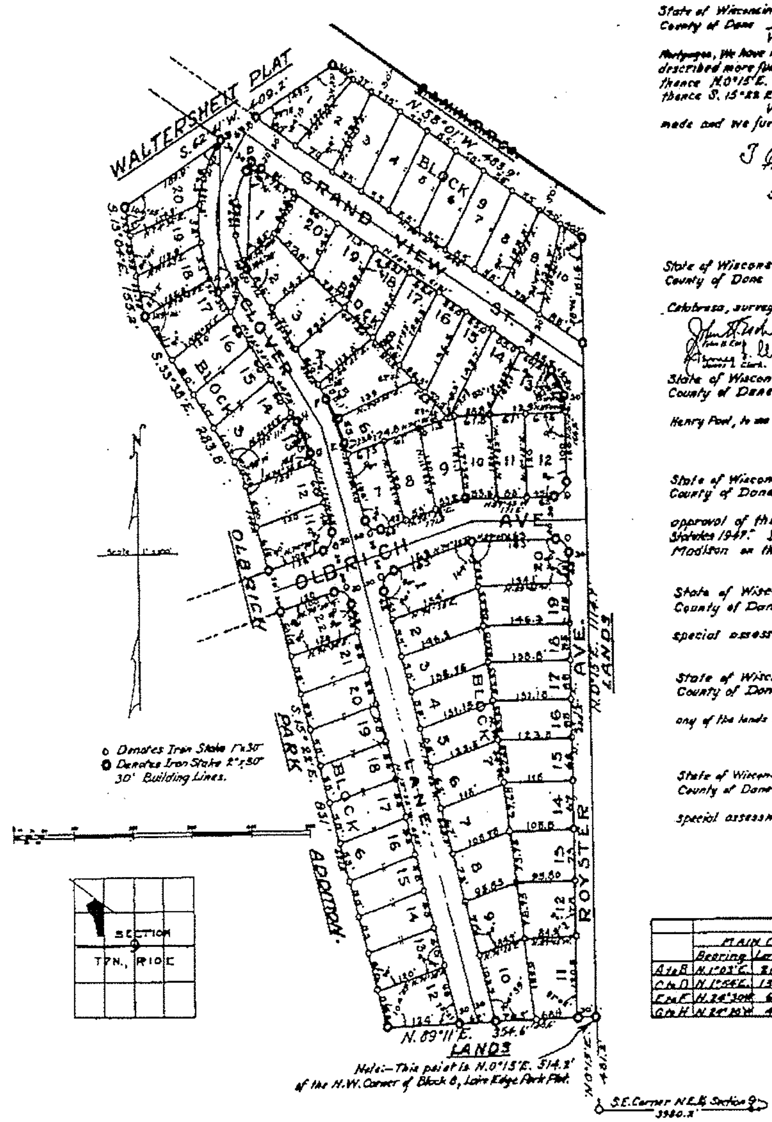
FIRST ADDITION TO OLBRICH PARK ADDITION

BEING

A Part of the West ½ of the Northwest ¼ Section 9 T. 7 N., R. 10 E. (Town of Blooming Grove)

DANE CO., WISCONSIN.

Legibility Impaired



o Denotes Iron Stake 1"x30"
⊙ Denotes Iron Stake 2"x30"
30' Building Lines.

Note:—This point is N.0°15'E. 514.2' of the N.W. Corner of Block 6, Lake Edge Park Plat.

State of Wisconsin }
County of Dane } S.S.

We, Philip H. Hintze and Thomas A. Calabresa, do hereby certify that by the order and under the direction of Mabel S. Gannon, Owner and Henry Paul, Mortgagee, We have made a survey and plat of the following described property in the W½ of the N.W.¼ of Section 9, T.7N., R.10E., Dane County, Wisconsin, and described more fully as follows;— Beginning at a point which is West 3980.2 ft and N.0°15'E. 481.3 ft. from the S.E. Corner of the N.E.¼ of Section 9, thence N.0°15'E. 1114.7 ft; thence N.58°01'W. 485.9 ft; thence S.62°41'W 409.2 ft; thence S.15°04'E 155.2 ft; thence S. 33°38'E. 283.8 ft; thence S. 15°22'E. 831 ft; thence N. 89°11'E. 354.6 ft. to the point of beginning, being within the corporate limits of the City of Madison.

We further certify that the within plat is a correct representation of the exterior boundaries of the lands surveyed and subdivisions made and we further certify that we have fully complied with the provisions of Chapter 236, Wis. Statutes 1947 in surveying and mapping said lands.

Pauline E. Stolz, T. E. Sullingham } Witnesses.

Philip H. Hintze, Reg. Eng.
Thomas A. Calabresa, Surveyor.

Subscribed and sworn to before me this 14Ik day of Feb. 1948.

N. L. Jackman, Notary Public, Dane Co., Wisconsin.

My commission expires. July 11, 1948.

State of Wisconsin }
County of Dane } S.S.

As Owner, and as Mortgagee, we hereby certify that we caused the lands described in the affidavit of Philip H. Hintze and Thomas A. Calabresa, surveyors, to be surveyed, divided, mapped and dedicated as represented on this plat.

Mabel S. Gannon, Owner.
Henry Paul

John H. Cork, James L. Clark } Witnesses.

State of Wisconsin }
County of Dane } S.S.

Personally appeared before me this 20th day of Feb. 1948, the above named Mabel S. Gannon and Henry Paul, to me known to be the persons who executed the foregoing instrument and acknowledged the same.

My commission expires Sept. 11, 1949.

John H. Cork, Notary Public, Dane Co., Wisconsin.

State of Wisconsin }
County of Dane } S.S.

Resolved that a plat known as First Addition to Olbrich Park Addition, which has been filed for the approval of the Council of the City of Madison, be and the same is hereby approved as required by Chapter 236, Wisconsin Statutes 1947." I hereby certify that the above is a true and correct copy of a resolution adopted by the Council of the City of Madison on the 11th day of March 1948.

A. W. Bareis, City Clerk.

State of Wisconsin }
County of Dane } S.S.

I, Julius Kelly Treasurer of Dane County, do hereby certify that there are no unpaid taxes or unpaid special assessments on any of the lands included in this plat on record in this office on February 1948

Julius Kelly, Dane County Treasurer.

State of Wisconsin }
County of Dane } S.S.

I, A.W. Bareis, City Clerk, of the City of Madison, do hereby certify that there are no unpaid taxes or unpaid special assessments on any of the lands included in this plat on 26 day of February 1948.

A. W. Bareis, City Clerk.

State of Wisconsin }
County of Dane } S.S.

I, D.J. Leigh, City Treasurer of the City of Madison, do hereby certify that there are no unpaid taxes or unpaid special assessments on any of the lands included in this plat on 1st day of March 1948.

D. J. Leigh, City Treasurer.

761368

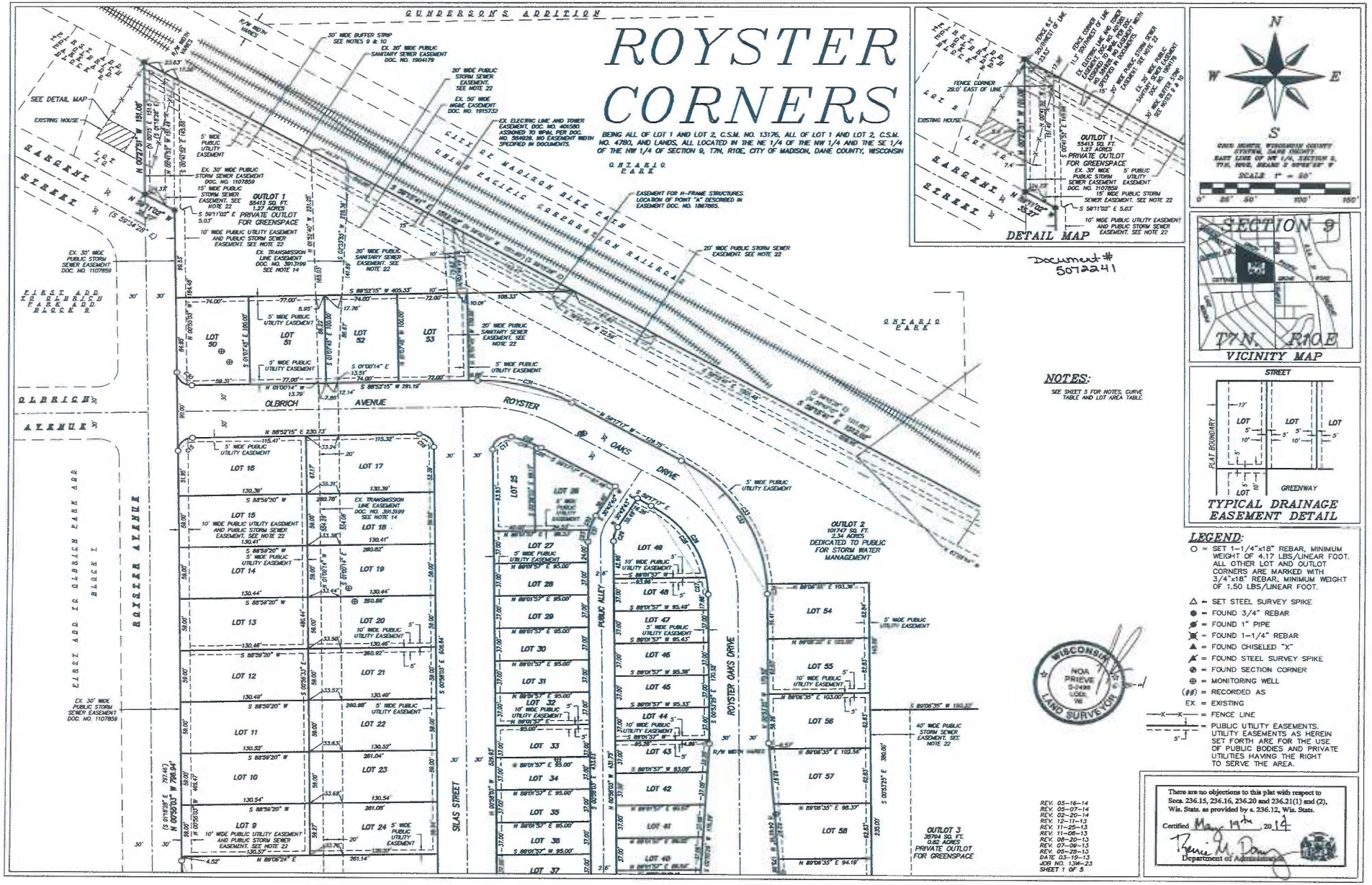
CURVE DATA							
	MAIN CORD		RADIUS		Angle	Δ	Deflection
	Bearing	Length	Bearing	Length	Central		
A to B	N.1°03'E.	217.5'	N.56°22'E.	191'	34°41'	69°22'	5°45' per 25'
C to D	N.1°54'E.	152.25'	N.56°22'E.	191'	35°32'	71°04'	5°36' per 25'
E to F	N.24°30'W.	68.31'	S.74°38'W.	215.5'	9°08'	18°16'	3°19' per 25'
G to H	N.24°30'W.	49.45'	S.74°38'W.	155.5'	9°08'	18°16'	4°36' per 25'

Office of Register of Deeds } ss.
Dane County, Wisconsin }
Received for Record March 23rd
A. D. 1948 at 10:15 o'clock A. M
and recorded in vol. 12
of Plats on page 15
Frank Rinder, Register.

Properties 28-30 listed on Form 4400-246 reference the attached plat entitled Royster Corners

ROYSTER CORNERS

BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13176, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN



Document # 5072241

NOTES:

SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.

LEGEND:

- ○ = SET 1-1/4"x18" REBAR, MINIMUM WEIGHT OF 4.17 LBS/LINEAR FOOT. ALL OTHER LOT AND OUTLOT CORNERS ARE MARKED WITH 3/4"x18" REBAR, MINIMUM WEIGHT OF 1.50 LBS/LINEAR FOOT.
- △ = SET STEEL SURVEY SPIKE
- ● = FOUND 3/4" REBAR
- ⌀ = FOUND 1" PIPE
- ▣ = FOUND 1-1/4" REBAR
- ▲ = FOUND CHISELED "X"
- ✗ = FOUND STEEL SURVEY SPIKE
- ⊗ = FOUND SECTION CORNER
- ⊕ = MONITORING WELL
- (##) = RECORDED AS
- EX = EXISTING
- —x—x— = FENCE LINE
- = PUBLIC UTILITY EASEMENTS. UTILITY EASEMENTS AS HEREIN SET FORTH ARE FOR THE USE OF PUBLIC BODIES AND PRIVATE UTILITIES HAVING THE RIGHT TO SERVE THE AREA.

WISCONSIN NOA PRIEVE S-2436 LODI WI LAND SURVEYOR

REV. 05-16-14
REV. 05-07-14
REV. 02-20-14
REV. 12-17-13
REV. 11-25-13
REV. 11-06-13
REV. 08-20-13
REV. 07-29-13
REV. 05-28-13
DATE 03-19-13
JOB NO. 13W-23
SHEET 1 OF 5

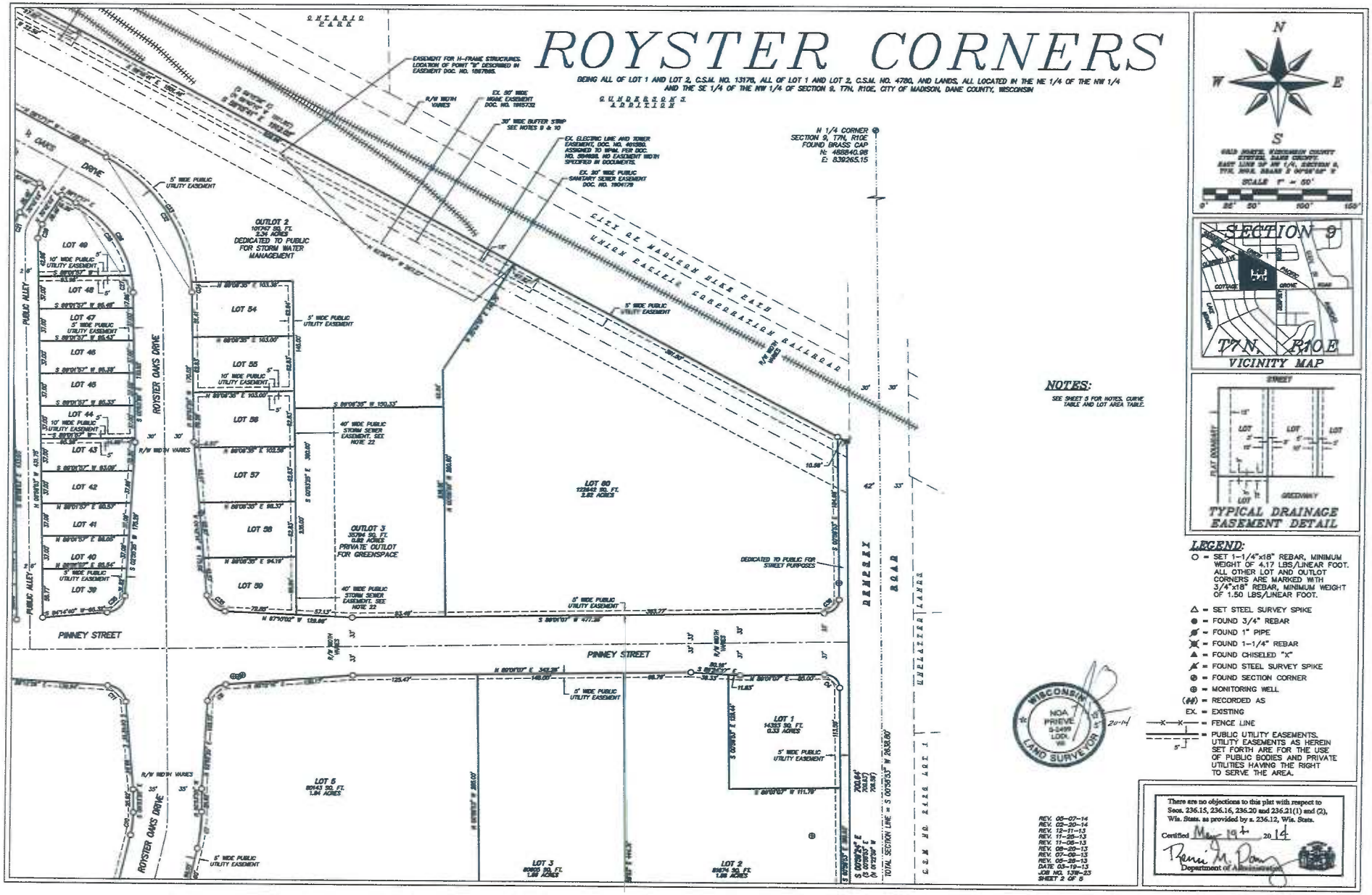
There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th 2014

Department of Administration

ROYSTER CORNERS

BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13178, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN



NOTES:

SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.

VICINITY MAP

TYPICAL DRAINAGE EASEMENT DETAIL

LEGEND:

- ○ = SET 1-1/4"x18" REBAR, MINIMUM WEIGHT OF 4.17 LBS/LINEAR FOOT. ALL OTHER LOT AND OUTLOT CORNERS ARE MARKED WITH 3/4"x18" REBAR, MINIMUM WEIGHT OF 1.50 LBS/LINEAR FOOT.
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WISCONSIN NOA PRIEVE S-2499 LODI WI LAND SURVEYOR 20-14

REV. 05-07-14
REV. 03-20-14
REV. 12-11-13
REV. 11-25-13
REV. 11-05-13
REV. 08-20-13
REV. 07-09-13
REV. 05-29-13
DATE 03-19-13
JOB NO. 1398-23
SHEET 2 OF 5

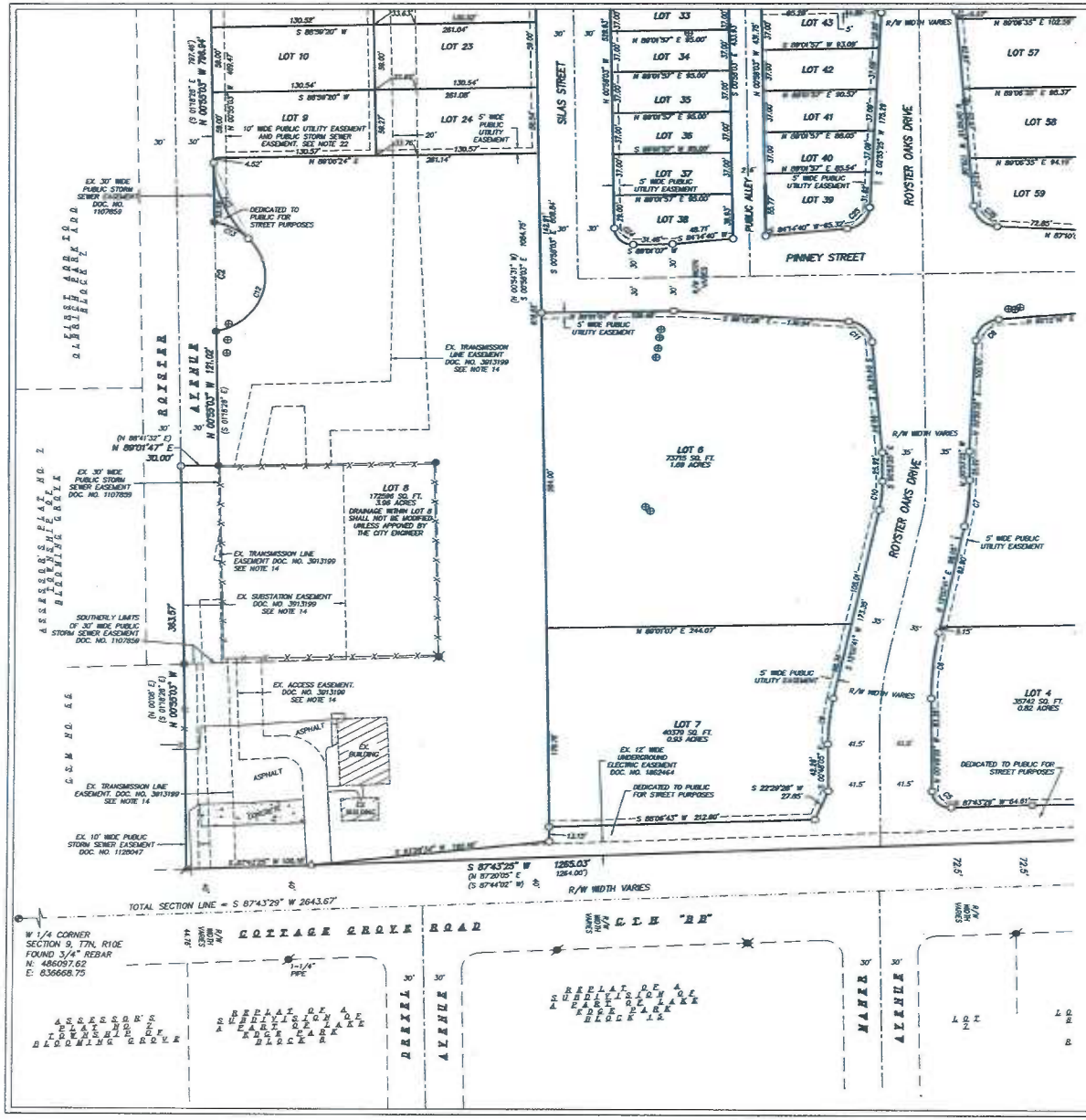
There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified March 19th 2014

Department of Administration

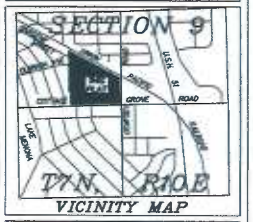
ROYSTER CORNERS

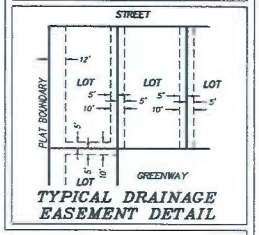
BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13176, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN



NOTES:

SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.





LEGEND:

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- ✕ = FOUND STEEL SURVEY SPIKE
- ⊕ = FOUND SECTION CORNER
- ⊕ = MONITORING WELL
- (##) = RECORDED AS
- EX. = EXISTING
- —X—X— = FENCE LINE
- —— = PUBLIC UTILITY EASEMENTS. UTILITY EASEMENTS AS HEREIN SET FORTH ARE FOR THE USE OF PUBLIC BODIES AND PRIVATE UTILITIES HAVING THE RIGHT TO SERVE THE AREA.

WISCONSIN NOA PRIEVE S-2439 LODI WI LAND SURVEYOR

REV. 05-16-14
REV. 05-13-14
REV. 05-07-14
REV. 02-20-14
REV. 12-11-13
REV. 11-25-13
REV. 11-06-13
REV. 08-20-13
REV. 07-09-13
REV. 05-28-13
DATE 03-19-13
JOB NO. 13W-23
SHEET 3 OF 5

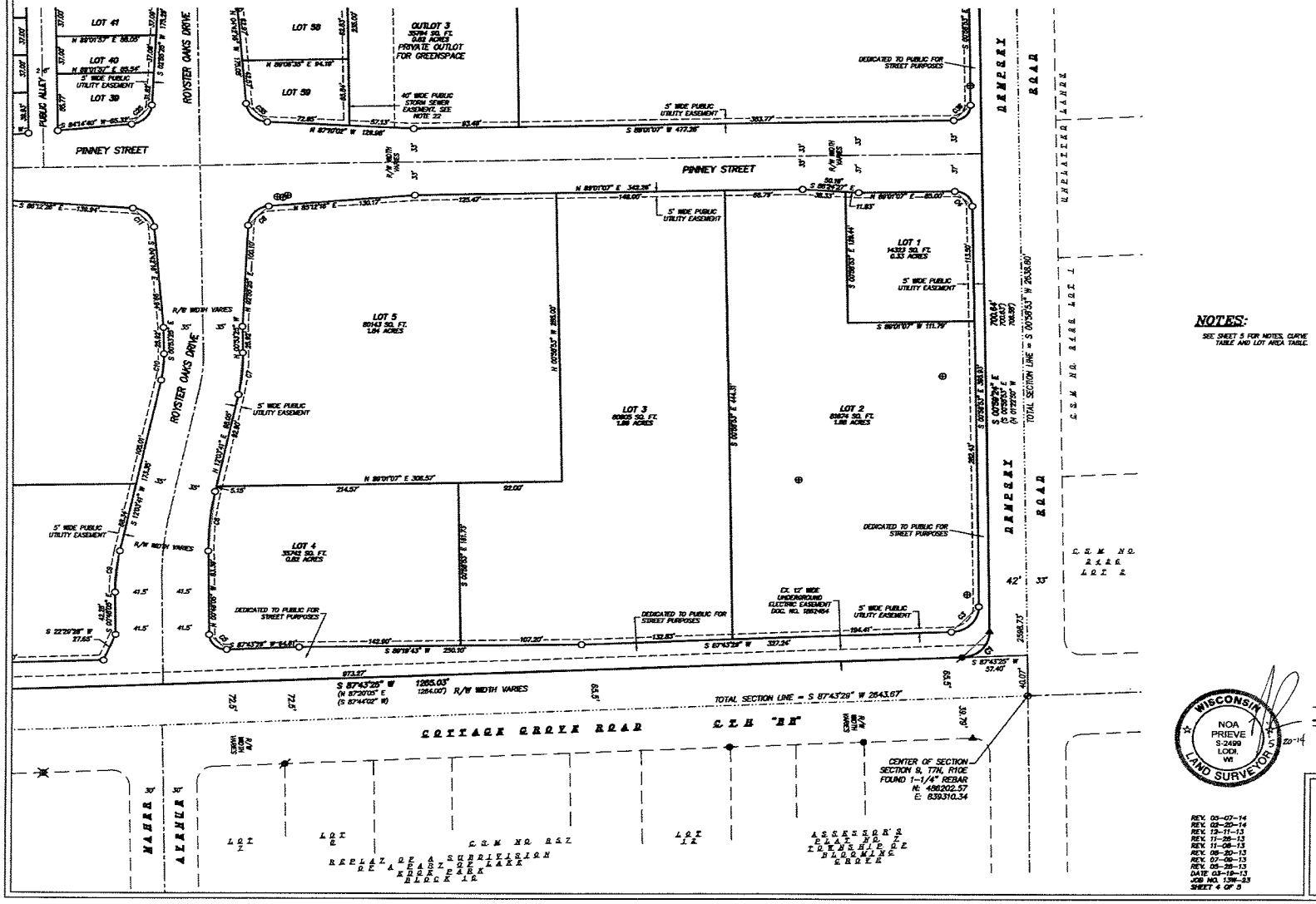
There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th 20 14

Department of Assessment

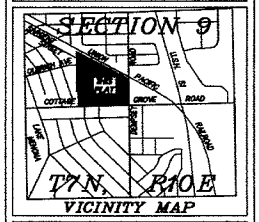
ROYSTER CORNERS

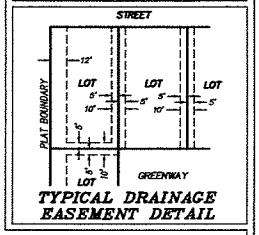
BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13176, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN



NOTES:

SEE SHEET 5 FOR NOTES, CURVE TABLE AND LOT AREA TABLE.





LEGEND:

- ○ = SET 1-1/4"x18" REBAR, MINIMUM WEIGHT OF 4.17 LBS/LINEAR FOOT. ALL OTHER LOT AND OUTLOT CORNERS ARE MARKED WITH 3/4"x18" REBAR, MINIMUM WEIGHT OF 1.50 LBS/LINEAR FOOT.
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WISCONSIN
NOA PRIEVE
S-2459
LODI, WI
LAND SURVEYOR

REV. 05-07-14
REV. 03-20-14
REV. 12-17-13
REV. 11-26-13
REV. 11-08-13
REV. 09-20-13
REV. 07-09-13
REV. 05-29-13
DATE: 03-18-13
JOB NO. 12W-33
SHEET 4 OF 5

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th, 2014

Department of Administration

ROYSTER CORNERS

BEING ALL OF LOT 1 AND LOT 2, C.S.M. NO. 13176, ALL OF LOT 1 AND LOT 2, C.S.M. NO. 4780, AND LANDS, ALL LOCATED IN THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 OF SECTION 9, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN

SURVEYOR'S CERTIFICATE:

I, Noa Prieve, Registered Land Surveyor, hereby certify, that in full compliance with the provisions of Chapter 236 of the Wisconsin Statutes and the subdivision regulations of the City of Madison, and under the direction of RDC Development, LLC and Madison Gas and Electric Company, owners of said land, I have surveyed, divided and mapped ROYSTER CORNERS, that such plat correctly represents all exterior boundaries and the subdivision of the land surveyed, and that this land being all of Lot 1 and Lot 2, C.S.M. No. 13176, all of Lot 1 and Lot 2, C.S.M. No. 4780, and lands, all located in the NE 1/4 of the NW 1/4 and the SE 1/4 of the NW 1/4 of Section 9, T7N, R10E, City of Madison, Dane County, Wisconsin, being more particularly described as follows:

Commencing at the North 1/4 corner of said Section 9; thence along the east line of said NW 1/4, S 00°58'53" W, 2598.73 feet; thence S 87°43'25" W, 57.40 feet to the northerly right of way line of C.T.H. "BB" and the point of beginning;

Thence along said northerly right of way line, S 87°43'25" W, 1265.03 feet to the westerly line of said C.S.M. No. 4780; thence along said westerly line and the extension thereof, N 00°55'03" W, 383.57 feet; thence N 88°01'47" E, 30.00 feet to the easterly right of way line of Royster Avenue; thence along said right of way line, N 00°55'03" W, 121.02 feet; thence continuing along said right of way line and the arc of a curve concaved westerly having a radius of 50.00 feet and a long chord bearing N 00°55'03" W, a distance of 97.98 feet; thence continuing along said right of way line, N 00°55'03" W, 798.94 feet to the northeasterly right of way line of Sargent Street; thence along said right of way line, N 59°11'02" W, 35.27 feet to the easterly line of Block 9, First Addition to Olbrich Park Addition; thence along said easterly line, N 00°27'51" W, 151.08 feet to the southwesterly railroad right of way line of Union Pacific Corporation; thence along said southwesterly railroad right of way line, S 59°15'41" E, 1512.02 feet to the westerly right of way line of Dempsey Road; thence along said right of way line, S 00°59'24" E, 700.64 feet; thence along the arc of a curve concaved northwesterly having a radius of 25.00 feet and a long chord bearing S 43°27'57" W, a distance of 34.96 feet to the point of beginning. Said parcel contains 1,431,782 square feet or 32.87 acres.

Williamson Surveying and Associates, LLC
by Noa T. Prieve & Chris W. Adams

Date May 20th 2014

Noa T. Prieve S-2499
Registered Land Surveyor

WISCONSIN NOA PRIEVE S-2499 LODI WI LAND SURVEYOR

OWNER'S CERTIFICATE:

RDC Development, LLC, a limited liability company duly organized and existing under and by the laws of the State of Wisconsin, as owner, does hereby certify that said company caused the lands described on this plat to be surveyed, divided, mapped and dedicated as represented on this plat.
RDC Development, LLC, does further certify that this plat is required by s.236.10 or s.236.12 to be submitted to the following for approval or objection:

City of Madison Common Council
Dane County Zoning and Land Regulation Committee
Wisconsin Department of Administration

IN WITNESS WHEREOF, the hand seal of said owners this 20th day of May, 2014.

OWNER:
RDC Development, LLC

Carl Ruedebusch
Manager

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20 day of May, 2014, Carl Ruedebusch, it's manager of RDC Development, LLC, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin

My commission expires 6-12-2016

SUSAN HUNT-GANTENBEIN NOTARY PUBLIC STATE OF WISCONSIN

Susan Hunt Gantenbein
Notary Public
Susan Hunt Gantenbein
Print Name

CONSENT OF MORTGAGEE:

City of Madison, a municipal corporation duly organized and existing under and by the laws of the State of Wisconsin, as mortgagee, does hereby consent to the surveying, dividing, mapping and dedication of the land described on this subdivision plat and does hereby consent to the above owner's certificates.

IN WITNESS WHEREOF, the said City of Madison, has caused these present to be signed by its corporate officers listed below at Madison, Wisconsin, on this 20th day of May, 2014.

City of Madison

Paul R. Soglin
Mayor

Maribeth Witzel-Behl (for)
Clerk

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20th day of May, 2014, Paul R. Soglin, it's Mayor, City of Madison, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin

My commission expires 9/6/15

LISA A OLMSTED
Notary Public
State of Wisconsin

Lisa A. Olmsted
Notary Public
Lisa A. Olmsted
Print Name

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20th day of May, 2014, ~~Maribeth Witzel-Behl~~ Rachel Rodriguez for, it's Clerk, City of Madison, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin

My commission expires 3-13-2016

MICHAEL QUIETO NOTARY PUBLIC STATE OF WISCONSIN

Michael Quieto
Notary Public
Michael Quieto
Print Name

REGISTER OF DEEDS CERTIFICATE:

Received for recording this 27 day of May, 2014, at 4:02 o'clock P.M. and recorded in Volume 60-026A of Plats on Pages 129 through 133, as Document Number 5072241.

Kristi Chlebowski By: Tracy Gibbs Deputy
Kristi Chlebowski, Register of Deeds, Dane County

OWNER'S CERTIFICATE:

Madison Gas and Electric Company, a corporation duly organized and existing under and by the laws of the State of Wisconsin, as owner and tenant, does hereby certify that said coporation caused the lands described on this plat to be surveyed, divided, mapped and dedicated as represented on this plat.
Madison Gas and Electric Company does further certify that this plat is required by s.236.10 or s.236.12 to be submitted to the following for approval or objection:

City of Madison Common Council
Dane County Zoning and Land Regulation Committee
Wisconsin Department of Administration

IN WITNESS WHEREOF, the hand seal of said owners this 20th day of May, 2014.

OWNER:
Madison Gas and Electric Company

John M. Yogerst
Assistant Vice President – Gas Operations

STATE OF WISCONSIN)
DANE COUNTY) ss
Personally came before me this 20th day of May, 2014, John M. Yogerst, it's Assistant Vice President – Gas Operations, of Madison Gas and Electric Company, and known by me to be the person who executed the foregoing instrument and known by me to be such officer of said corporation, and acknowledge that they executed the foregoing instrument as such officer as the deed of said corporation, by its authority.

Dane County, Wisconsin

My commission expires is permanent

DANIELE ST. MARIE THOMPSON NOTARY PUBLIC STATE OF WISCONSIN

Notary Public
Daniele St. Marie Thompson
Print Name

DANE COUNTY TREASURER'S CERTIFICATE:

I, T. Adam Gallagher, being duly appointed, qualified, and acting treasurer of the county of Dane, do hereby certify that in accordance with the records in my office, there are no unpaid taxes, or unpaid special assessments as of this 27th day of May, 2014, on any of the lands included in the plat of ROYSTER CORNERS.

T. Adam Gallagher, Treasurer, Dane County

CITY OF MADISON TREASURER'S CERTIFICATE:

I, Dave Gawenda, being duly appointed, qualified, and acting treasurer of the city of Madison, do hereby certify that, in accordance with the records in my office, there are no unpaid taxes or unpaid special assessments as of this 20th day of May, 2014, on any of the lands included in the plat of ROYSTER CORNERS.

Dave Gawenda, Treasurer, City of Madison

CITY OF MADISON COMMON COUNCIL CERTIFICATE:

Resolved that this plat known as ROYSTER CORNERS, located in the City of Madison, was hereby approved by enactment number RES-13-00415, file ID number 29562, adopted on the 21st day of May, 2013, and that said enactment further provided for the acceptance of those lands dedicated and the rights conveyed by said plat to the City of Madison for public use.

Dated this 20th day of May, 2014

Maribeth Witzel-Behl (for), City Clerk, City of Madison

NOTES:

1.) THIS SURVEY WAS PREPARED WITH CITY OF MADISON STANDARD 60-YEAR REPORT OF TITLE, PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, ORDER NO. NCS-594609-MAD.

2.) WETLANDS, IF PRESENT, HAVE NOT BEEN DELINEATED OR SHOWN.

3.) THIS PROPERTY IS LOCATED IN THE ZONE X (AREAS NOT LOCATED INSIDE THE 500-YEAR FLOOD) AS PER FLOOD INSURANCE RATE MAP FOR DANE COUNTY, WISCONSIN AND INCORPORATED AREAS, MAP NO. 55025C0429G WITH AN EFFECTIVE DATE OF JANUARY 2, 2009.

4.) COORDINATES ARE BASED ON THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY, AS PER SECTION CORNER TIE SHEETS FILED WITH DANE COUNTY SURVEYOR.

5.) THIS PARCEL IS SUBJECT TO ANY AND ALL EASEMENTS, AGREEMENTS, AND LEASES, RECORDED OR UNRECORDED.

6.) PLAT BOUNDARY AREA = 1,431,782 SQ. FT. OR 32.87 ACRES.

7.) PINNEY STREET, ROYSTER OAKS DRIVE, SILAS STREET, OLBRICH AVENUE AND THE PUBLIC ALLEY AS SHOWN IN THIS PLAT ARE DEDICATED TO THE PUBLIC FOR STREET PURPOSES.

8.) OUTLOT 2 IS DEDICATED TO THE CITY OF MADISON FOR STORM WATER MANAGEMENT. OUTLOT 1 AND OUTLOT 3 ARE PRIVATELY OWNED AND MANAGED GREENSPACES.

9.) 30' BUFFER STRIP NOTE FOR LOTS IN RESIDENTIAL DISTRICT: THIS STRIP RESERVED FOR NOISE ABATEMENT FACILITIES. THE BUILDING OF BUILDINGS HERON IS PROHIBITED AND ANY BERMED AREA SHALL NOT BE COUNTED AS ANY REQUIRED YARD. MAINTENANCE OF THIS STRIP AND ANY FACILITIES THEREON IS THE RESPONSIBILITY OF THE OWNER.

10.) 30' BUFFER STRIP NOTE FOR ALL OTHER LOTS: THIS STRIP RESERVED FOR THE PLANTING OF TREES OR SHRUBS BY THE OWNER; THE BUILDING OF BUILDINGS HEREON IS PROHIBITED, AND THE REAR 30 FEET OF THE STRIP SHALL NOT BE COUNTED AS ANY REQUIRED YARD. MAINTENANCE OF THIS STRIP IS THE RESPONSIBILITY OF THE LOT OWNER.

11.) LOTS/BUILDINGS WITHIN THIS SUBDIVISION/DEVELOPMENT ARE SUBJECT TO IMPACT FEES THAT ARE PAYABLE AT THE TIME BUILDING PERMITS ARE ISSUED.

12.) LOT 1 OF UNDERLYING C.S.M. NO. 4780 SUBJECT TO CONDITIONS AND COVENANTS AS PER DOC. NO. 1904180.

13.) PART OF UNDERLYING LOT 1, C.S.M. NO. 4780 SUBJECT TO USE RESTRICTIONS PER DOC. NO. 2565848.

14.) PLAT SUBJECT TO EASEMENTS TO AMERICAN TRANSMISSION COMPANY AS SHOWN IN DOC. NO. 3913199. EASEMENT LOCATIONS SHOWN AS A GRAPHICAL REPRESENTATION ONLY, EASEMENT LOCATION CONTROLLED BY DOC. NO. 3913199.

15.) PLAT SUBJECT TO OBLIGATIONS PER ENCROACHMENT AGREEMENT RECORDED AS DOC. NO. 4788161 AND AMENDED BY DOC. NO. 5035176, AND 5069279.

16.) LOT 1 OF UNDERLYING C.S.M. NO. 13176 SUBJECT TO RESTRICTIONS PER DOC. NO. 4825681.

17.) PART OF LOTS 6-7, 23-24, 34, AND ALL OF LOTS 35-38 ARE SUBJECT TO NOTICE OF LEASE AGREEMENT RECORDED AS DOC. NO. 4287998 AND AMENDMENT TO LEASE AGREEMENT RECORDED AS DOC. NO. 4830729 AND A SECOND LEASE AMENDMENT RECORDED AS DOC. NO. 5023445. LEASE AGREEMENT EXPIRES DECEMBER 31, 2014.

18.) SOME EASEMENTS CREATED IN EASEMENT DOC. NO. 1812464 HAVE BEEN RELEASED AS PER DOC. NO. 4829270.

19.) PART OF PLAT SUBJECT TO ENVIRONMENTAL NOTICE RECORDED AS DOC. NO. 5071103

20.) PER MGO 16.23(9)(d)2.a:
A.) ALL LOTS WITHIN THIS PLAT, WITH THE EXCEPTION OF LOT 8, ARE SUBJECT TO PUBLIC EASEMENTS FOR DRAINAGE PURPOSES WHICH SHALL BE A MINIMUM OF 5-FEET IN WIDTH MEASURED FROM THE PROPERTY LINE TO THE INTERIOR OF EACH LOT EXCEPT THAT THE EASEMENTS SHALL BE 12-FEET IN WIDTH ON THE PERIMETER OF THE PLAT. FOR THE PURPOSES OF TWO (2) OR MORE LOTS COMBINED FOR A SINGLE DEVELOPMENT SITE, OR WHERE TWO (2) OR MORE LOTS HAVE A SHARED DRIVEWAY AGREEMENT, THE PUBLIC EASEMENT FOR DRAINAGE PURPOSES SHALL BE A MINIMUM OF FIVE (5) FEET IN WIDTH AND SHALL BE MEASURED ONLY FROM THE EXTERIOR PROPERTY LINES OF THE COMBINED LOTS THAT CREATE A SINGLE DEVELOPMENT SITE, OR HAVE A SHARED DRIVEWAY AGREEMENT, EXCEPT THAT THE EASEMENT SHALL BE TWELVE (12) FEET IN WIDTH ALONG THE PERIMETER OF THE PLAT. EASEMENTS SHALL NOT BE REQUIRED ON PROPERTY LINES SHARED WITH GREENWAYS OR PUBLIC STREETS. NO BUILDINGS, DRIVEWAYS, OR RETAINING WALLS SHALL BE PLACED IN ANY EASEMENT FOR DRAINAGE PURPOSES. FENCES MAY BE PLACED IN THE EASEMENT ONLY IF THEY DO NOT IMPEDE THE ANTICIPATED FLOW OF WATER.

NOTE: IN THE EVENT OF A CITY OF MADISON PLAN COMMISSION AND/OR COMMON COUNCIL APPROVED REDIVISION OF A PREVIOUSLY SUBDIVIDED PROPERTY, THE UNDERLYING PUBLIC EASEMENTS FOR DRAINAGE PURPOSES ARE RELEASED AND REPLACED BY THOSE REQUIRED AND CREATED BY THE CURRENT APPROVED SUBDIVISION.

B.) THE INTRA-BLOCK DRAINAGE EASEMENTS SHALL BE GRADED WITH THE CONSTRUCTION OF EACH PRINCIPLE STRUCTURE IN ACCORDANCE WITH THE APPROVED STORM WATER DRAINAGE PLAN ON FILE WITH THE CITY ENGINEER AND THE ZONING ADMINISTRATOR, AS AMENDED IN ACCORDANCE WITH THE MADISON GENERAL ORDINANCES.

21.) PER CSM NO. 13176, LOTS 1 AND 2 OF CSM NO. 13176 ARE SUBJECT TO FOLLOWING NOTE:
ALL LOTS CREATED BY THIS CERTIFIED SURVEY MAP ARE INDIVIDUALLY RESPONSIBLE FOR COMPLIANCE WITH CHAPTER 37 OF THE MADISON GENERAL ORDINANCES IN REGARD TO STORM WATER DETENTION AT THE TIME THEY DEVELOP.

22.) PUBLIC SANITARY SEWER EASEMENTS AND PUBLIC STORM SEWER EASEMENTS DEDICATED BY THIS PLAT ARE SUBJECT TO THE FOLLOWING CONDITIONS PER MGO 16.23(3)(a)(2)(c):
A.) THE PROPERTY OWNER RESERVES THE RIGHT TO USE AND OCCUPY THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) IN A MANNER CONSISTENT WITH THE RIGHTS HEREIN CONVEYED, PROVIDED THAT SUCH USE AND OCCUPANCY SHALL NOT INTERFERE WITH OR DISTURB THE INSTALLATION, OPERATION, MAINTENANCE, REPAIR, REPLACEMENT AND/OR MODIFICATION OF THE PUBLIC SANITARY/STORM SEWER FACILITIES.
B.) NO ABOVE-GROUND IMPROVEMENTS SHALL BE LOCATED IN THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) BY THE CITY OR THE PROPERTY OWNER, WITH THE EXCEPTION THAT GRATES, SEWER ACCESS STRUCTURE (SAS) COVERS, AND OTHER ACCESS POINTS TO THE PUBLIC SANITARY/STORM SEWER FACILITIES SHALL BE PERMITTED AT GRADE LEVEL. (OPTIONAL: AND WITH THE EXCEPTION THAT PAVEMENT AND/OR CONCRETE FOR DRIVEWAY PURPOSES SHALL BE PERMITTED.)
C.) PLANTINGS AND LANDSCAPING WITHIN THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) SHALL NOT OBSTRUCT ROUTINE MAINTENANCE BY THE CITY. IN THE EVENT OF REPAIR OR RECONSTRUCTION, PLANTINGS AND LANDSCAPING MAY BE REMOVED BY THE CITY WITHOUT REPLACEMENT OR COMPENSATION TO THE PROPERTY OWNER.
D.) THE PROPERTY OWNER SHALL NOT CHANGE THE GRADE OF THE PUBLIC SANITARY/STORM SEWER EASEMENT AREA(S) WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CITY'S ENGINEERING DIVISION.
E.) THE PUBLIC SANITARY/STORM SEWER EASEMENT(S) MAY NOT BE AMENDED, MODIFIED, TERMINATED, OR RELEASED WITHOUT THE WRITTEN CONSENT OF ALL THE PARTIES HERETO, OR THEIR RESPECTIVE SUCCESSORS-IN-INTEREST.

23.) A COMMON DRIVEWAY EASEMENT OR PRIVATE COMMON INGRESS/EGRESS EASEMENT IS REQUIRED FOR LOTS 2, 3 AND 5 AT THE TIME OF FINAL APPROVAL OF THOSE LOTS.

24.) SUBSOIL INFORMATION INDICATES THAT THE BASEMENT OF STRUCTURES ON ALL THE LOTS WITHIN THIS PLAT ARE TO BE AT ELEVATION 851 OR HIGHER OR THAT A STRUCTURAL PLAN OF THE STRUCTURE'S FOUNDATION SHALL BE SUBMITTED TO THE DIRECTOR OF THE BUILDING INSPECTION DIVISION FOR APPROVAL WITH THE APPLICATION FOR A BUILDING PERMIT AS REQUIRED INFORMATION.

GRID NORTH, WISCONSIN COUNTY SYSTEM, DANE COUNTY. EAST LINE OF NW 1/4, SECTION 9, T7N, R10E, BEARS S 00°58'53" W

SCALE 1" = 50'

0' 25' 50' 100' 150'

VICINITY MAP

CURVE TABLE:

CURVE #	RADIUS	CHORD BEARING	LENGTH	ARC LENGTH	DELTA	TAN. BEARING IN	TAN. BEARING OUT
C1	25.00	S 43°27'56.5" W	34.96	38.71	88°43'15"	S 00°53'41" E	S 87°49'34" W
C1		(S 43°22'35.5" W)					
C1		(N 42°58'37.5" E)					
C2	50.00	N 00°55'03" W	97.98	136.95	156°55'42"	N 77°32'48" E	N 79°22'54" W
C2		(S 01°18'28" E)		(136.94)			
C3	25.00	S 43°22'18" W	[illegible]	38.71	88°42'22"		
C4	15.00	S 45°58'53" E	[illegible]	23.56	90°00'00"		
C5	15.00	N 46°32'18" W	21.48	23.95	91°28'26"		
C6	265.00	N 05°37'48" E	59.37	59.49	12°51'46"		
C7	185.00	N 05°35'08" E	41.73	41.82	12°57'08"		
C8	20.00	N 44°03'50.5" E	26.32	28.72	82°16'51"		
C9	185.00	S 05°37'46" W	41.44	41.53	12°51'46"		
C10	115.00	S 05°35'08" W	25.94	26.00	12°57'08"		
C11	20.00	S 45°27'21" E	26.11	28.45	81°30'10"		
C12	50.00	N 16°53'51" E	87.16	105.85	121°17'54"	N 77°32'48" E	N 43°45'06" W
C13	50.00	N 61°34'00" W	30.59	31.09	35°37'48"	N 43°45'06" W	N 79°22'54" W
C14	100.00	N 22°20'04.5" W	73.03	74.76	[illegible]	N 43°45'06" W	
C15	15.00	N 43°58'36" E	21.17	23.51	89°47'18"		
[illegible]	15.00	S 46°02'54" E	21.24	23.60	90°09'42"		
C17	15.00	N 52°01'28" E	23.96	27.75	105°59'02"		S 74°59'01" E
C18	120.00	S 67°08'09" E	32.77	32.87	15°41'44"	S 74°59'01" E	
[illegible]	[illegible]	S 69°05'23" E	24.64	24.69	11°47'16"	S 74°59'01" E	S 63°11'45" E
C20	120.00	S 61°14'31" E	8.18	8.18	03°54'28"	S 63°11'45" E	
C21	56.00	S 14°52'20" W	30.57	30.96	31°40'46"		
C22	56.00	S 21°34'57" W	17.77	17.85	18°15'32"		S 12°27'11" W
C23	56.00	S 05°44'34" W	13.09	13.12	13°25'14"	S 12°27'11" W	
C24	15.00	N 45°58'28" W	21.22	23.57	90°00'50"		
C25	20.00	S 43°35'02.5" W	26.06	28.39	81°19'15"		
C26	120.00	S 30°05'21" E	117.08	122.31	58°23'52"		
C27	120.00	S 05°31'36" E	19.40	19.42	09°16'22"	S 10°09'47" E	
C28	120.00	S 34°43'32" E	99.76	102.89	49°07'30"	S 10°09'47" E	
C29	30.00	N 14°52'20" E	16.38	16.59	31°40'46"		
C30	15.00	N 46°01'24" W	21.25	23.62	90°12'42"		
C31	180.00	N 75°12'31" W	98.75	100.03	31°50'28"		
C32	180.00	S 30°05'21" E	175.62	183.46	58°23'52"		
C33	180.00	S 31°54'29" E	165.56	172.03	54°45'36"	S 04°31'41" E	
C34	180.00	N 02°42'33" W	11.43	11.43	03°38'16"	S 04°31'41" E	
C35	20.00	N 45°56'09" W	26.36	28.78	82°27'46"		
C36	15.00	S 44°01'07" W	21.21	23.56	90°00'00"		

LOT AREA TABLE:

LOT	SQ. FT.	ACRES
9	7720	0.18
10	7701	0.18
11	7700	0.18
12	[illegible]	0.18
13	7697	0.18
14	7695	0.18
15	7694	0.18
16	[illegible]	0.20
17	8725	0.20
18	7694	0.18
19	[illegible]	0.18
20	7697	0.18
21	[illegible]	0.18
22	7700	0.18
23	7701	0.18
24	7735	0.18
25	4478	0.10
26	5334	0.12
27	[illegible]	0.08
28	3515	0.08
29	[illegible]	0.08
30	[illegible]	[illegible]
[illegible]	[illegible]	0.08

LOT	SQ. FT.	ACRES
32	3515	0.08
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	3515	[illegible]
36	3515	0.08
37	3515	0.08
38	4035	0.09
39	4324	0.10
40	[illegible]	0.07
[illegible]	[illegible]	0.08
[illegible]	[illegible]	0.08
43	3490	0.08
44	[illegible]	0.08
45	[illegible]	0.08
46	[illegible]	0.08
47	[illegible]	0.08
48	[illegible]	0.08
49	[illegible]	0.14
50	7370	0.17
51	7700	0.18
52	7400	0.17
53	7200	[illegible]
54	[illegible]	[illegible]

LOT	SQ. FT.	ACRES
55	6472	0.15
56	6470	0.15
57	6313	0.14
58	6050	0.14
59	5730	0.13

REV. 05-16-14
REV. 05-13-14
REV. 05-07-14
REV. 02-20-14
REV. 12-11-13
REV. 11-25-13
REV. 11-06-13
REV. 08-20-13
REV. 07-09-13
REV. 05-28-13
DATE 03-19-13
JOB NO. 13W-23
SHEET 5 OF 5

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified May 19th, 2014

Department of Administration

Department of Public Works
Engineering Division
Robert F Phillips, PE, City Engineer

210 Martin Luther King Jr Blvd Rm 115
Madison, WI 53703-3342

Phone: 608-266-4751
Fax: 608-264-9275

Assistant City Engineer
Michael R Dailey, PE

Mapping Section Manager
Eric T Pederson, PS

July 15, 2014

TO: PROPERTY OWNER, PUBLIC DEPARTMENTS & ALL UTILITIES

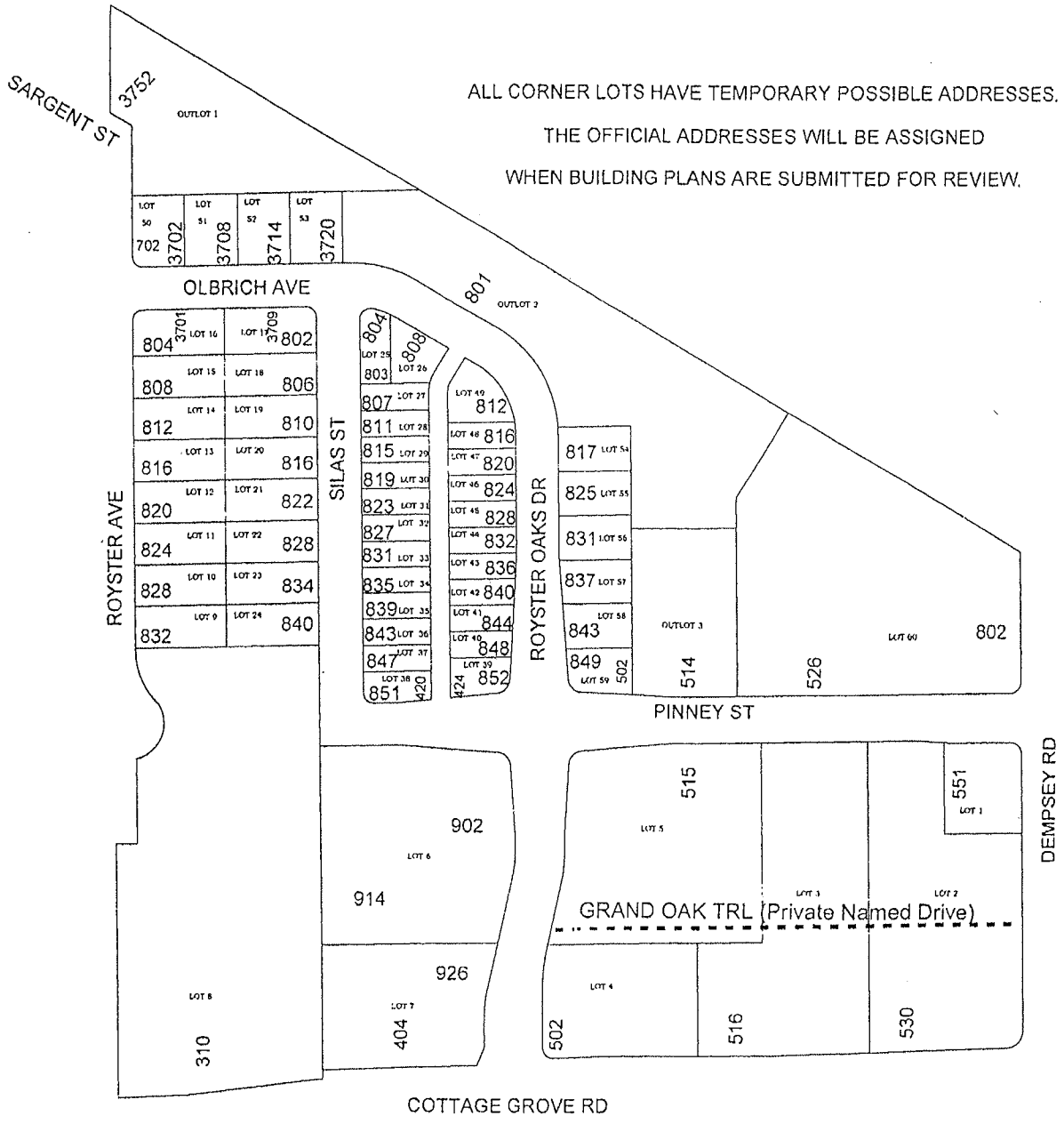
RE: ADDRESSES FOR THE PLAT: ROYSTER CORNERS.

Attached is a worksheet and drawing showing the assigned addresses for the plat named Royster Corners. All corner lots have temporary potential addresses. The official addresses for those corner lots will be assigned when building plans are submitted for review.

If you should have any questions regarding the addresses, please contact Lori Zenchenko at 608-266-5952 or lzenchenko@cityofmadison.com.

Robert F Phillips, P.E.
City Engineer

RFP:LZ
CC: Maribeth Witzel-Behl, City Clerk
Sally Sweeney, Real Estate/Assessors,
Ken Seifert, Personal Property/Assessors
Sharon Pounders, Rene Puzach, Water Inspectors, Water Utility
Kris Dickens, Building Inspection
Tim Parks, Bill Lanier, Bill Schaefer, Planning & Development
Matt Tucker, Zoning Administrator
Ed Ruckriegel, Madison Fire Department
Michael Koval, Chief of Police, Madison Police Department
Dan Dettmann, Mark Winter, Traffic Engineering
Marla Eddy, City Forestry
Chris Kelley, John Marshall, Streets
Dane County Public Safety Communications (911)
Randy Forrand, Public Safety Communications
Dane County Clerk
Jim Czaplicki, Dane County Property Listing Planning & Development
Mielke, Roloff, Statz, McClain, Halcarz, Jacobi, Maloney, Petrykowski, Madison Gas and Electric Co
Peter Chen, Alliant Energy, Alliant RE, 4902 N Biltmore Ln STE 1000, Madison, WI 53718-2148
Michael W Meicher, Joey J Heiman, Madison Post Office
Tom Kiefer, Anason, Gundlach, Karen Ewoldt, Street Address Guide, SBC / AT&T
Matt Brown, Marjorie Ihssen, Charter Communications
Dennis Moore, Richard Morrin, Glen Campbell, Kevin Berrett TDS/Mid Plains Telephone Company
Mickey J Howen, Michael Barry, Madison Metro School District
Curt Sauser, Jeff Brochtrup, Madison Metro Sewerage District
Chris Gjeston, Capital Area Regional Planning Commission
RDC DEVELOPMENT LLC, 350 JUNCTION RD, MADISON WI 53717



ROYSTER CORNERS

ROYSTER CORNERS

Out of 0710-092-2501-4, 0710-092-2509-8 & 0710-092-2508-0

LOT #	PARCEL #	STREET ADDRESS
1	0710-092-2701-0	551 Pinney St
2	0710-092-2702-8	530 Cottage Grove Rd 549 Grand Oak Trl (private)
3	0710-092-2703-6	516 Cottage Grove Rd 525 Grand Oak Trl (private)
4	0710-092-2704-4	502 Cottage Grove Rd 501 Grand Oak Trl (private)
5	0710-092-2705-2	515 Pinney St 502 Grand Oak Trl (private)
6	0710-092-1726-9	902 Royster Oaks Dr 914 Royster Oaks Dr
7	0710-092-1727-7	926 Royster Oaks Dr 404 Cottage Grove Rd
8	0710-092-1728-5	reuse 310 Cottage Grove Rd
9	0710-092-1729-3	832 Royster Ave
10	0710-092-1730-0	828 Royster Ave
11	0710-092-1731-8	824 Royster Ave
12	0710-092-1732-6	820 Royster Ave
13	0710-092-1733-4	816 Royster Ave
14	0710-092-1734-2	812 Royster Ave
15	0710-092-1735-0	808 Royster Ave
16	0710-092-1736-8	804 Royster Ave 3701 Olbrich Ave
17	0710-092-1737-6	802 Silas St 3709 Olbrich Ave
18	0710-092-1738-4	806 Silas St
19	0710-092-1739-2	810 Silas St
20	0710-092-1740-9	816 Silas St
21	0710-092-1741-7	822 Silas St
22	0710-092-1742-5	828 Silas St
23	0710-092-1743-3	834 Silas St
24	0710-092-1744-1	840 Silas St
25	0710-092-2601-2	803 Silas St 804 Royster Oaks Dr
26	0710-092-2602-0	808 Royster Oaks Dr
27	0710-092-2603-8	807 Silas St
28	0710-092-2604-6	811 Silas St
29	0710-092-2605-4	815 Silas St
30	0710-092-2606-2	819 Silas St
31	0710-092-2607-0	823 Silas St
32	0710-092-2608-8	827 Silas St
33	0710-092-2609-6	831 Silas St
34	0710-092-2610-3	835 Silas St

35	0710-092-2611-1	839 Silas St
36	0710-092-2612-9	843 Silas St
37	0710-092-2613-7	847 Silas St
38	0710-092-2614-5	851 Silas St 420 Pinney St
39	0710-092-2615-3	852 Royster Oaks Dr 424 Pinney St
40	0710-092-2616-1	848 Royster Oaks Dr
41	0710-092-2617-9	844 Royster Oaks Dr
42	0710-092-2618-7	840 Royster Oaks Dr
43	0710-092-2619-5	836 Royster Oaks Dr
44	0710-092-2620-2	832 Royster Oaks Dr
45	0710-092-2621-0	828 Royster Oaks Dr
46	0710-092-2622-8	824 Royster Oaks Dr
47	0710-092-2623-6	820 Royster Oaks Dr
48	0710-092-2624-4	816 Royster Oaks Dr
49	0710-092-2625-2	812 Royster Oaks Dr
50	0710-092-2510-5	3702 Olbrich Ave 702 Royster Ave
51	0710-092-2511-3	3708 Olbrich Ave
52	0710-092-2512-1	3714 Olbrich Ave
53	0710-092-2513-9	3720 Olbrich Ave
54	0710-092-2514-7	817 Royster Oaks Dr
55	0710-092-2515-5	825 Royster Oaks Dr
56	0710-092-2516-3	831 Royster Oaks Dr
57	0710-092-2517-1	837 Royster Oaks Dr
58	0710-092-2518-9	843 Royster Oaks Dr
59	0710-092-2519-7	849 Royster Oaks Dr 502 Pinney St
60	0710-092-2520-4	526 Pinney St 802 Dempsey Rd
OUTLOT 1	0710-092-2521-2	3752 Sargent St
OUTLOT 2	0710-092-2522-0	801 Royster Oaks Dr
OUTLOT 3	0710-092-2523-8	514 Pinney St

OBSOLETE PARCELS:

0710-092-2501-4
0710-092-2509-8
0710-092-2508-0

Department of Planning & Community & Economic Development
Planning Division

Website: www.cityofmadison.com

Madison Municipal Building
215 Martin Luther King, Jr. Boulevard
P.O. Box 2985
Madison, Wisconsin 53701-2985
TDD 608 266-4747
FAX 608 266-8739
PH 608 266-4635

May 24, 2013

David Nelson
Ruedebusch Development and Construction, Inc.
4605 Dovetail Dr.
Madison, Wisconsin 53704

RE: Approval of a request to rezone 32.9 acres of property located at 310-402 Cottage Grove Road and 904 Dempsey Road from A (Agriculture District) to TE (Traditional Employment District), TR-U1 (Traditional Residential–Urban 2 District), and TR-C3 (Traditional Residential–Consistent 3 District), and approval of a preliminary and final plat proposing 4 lots for employment uses, 51 lots for single-family residential development and 3 lots for multifamily residential development, and 3 outlots for greenspace and stormwater management.

Dear Mr. Nelson;

At its May 21, 2013 meeting, the Common Council **conditionally approved** your zoning map amendment and the preliminary and final plat for the Royster Clark subdivision, subject to the following conditions of approval:

Please contact my office at (608) 266-5974 if you have questions regarding the following two items:

1. On the final plat submitted for staff review and approval, "Street A" between its intersection with Royster Avenue and its northern approach to the traffic circle shall be narrowed from a 66-foot right of way to maximum 60-foot right of way, as this street will be designed as a local street to deter cut-through traffic. Details for this change shall be coordinated with City Engineering and Traffic Engineering staff prior to submittal of the plat for recording.

   Note: When designed, the curb-to-curb pavement width of this street will likely be between 30 and 32 feet, with room for on-street parking, a public terrace, and a public sidewalk on both sides.

2. Lot 3 and Lot 5 shall be rezoned into the Traditional Residential-Urban 2 (TR-U2) District as proposed, but development will be limited to the maximum density allowable in the Traditional Residential-Urban 1 (TR-U1) District.

   Note: This condition was revised by the Plan Commission on May 6 to the above.

Please contact the City Engineering Division at (608) 266-4751 if you have questions regarding the following thirty (30) items:

3. The location of monitoring wells must be overlain onto the approved plat map and provided to the City. Monitoring wells may only remain in the public right of way subject to City of Madison approval and will require a privilege in streets agreement.

4. Zones of residual soil contamination and groundwater plumes above the NR 140 ES must be overlain onto the approved plat map and provided to the City.
5. The City is still investigating how residual groundwater contamination will impact potential dewatering of site buildings. Dewatering may be required to go to the sanitary sewer.
6. Contaminated soil encountered during site construction must be handled and disposed of in compliance with all WDNR regulations.
7. Per MGO, the following note shall be placed on the face of the plat:

   "Subsoil information indicates that the basement of structures on all the lots within this plat are to be at elevation 851 or higher or that a structural plan of the structure's foundation shall be submitted to the Director of the Building Inspection Division for approval with the application for a building permit as required information."

   The elevation of the basement, as described in the paragraph to be placed on the plat, shall be a minimum of two (2) feet higher than the elevation of the ground water table.
8. The proposed sanitary sewer is shown as being connected to the City's existing 21-inch diameter sewer and the plan calls for the connection at the invert of the manhole. Connection of proposed sewer will need to be raised 21 inches (1.75ft). This revision will likely have impacts on the proposed utility improvements.
9. The Applicant shall enter into a maintenance agreement for the maintenance of the roundabout landscaping and median landscaping.
10. Define the use of Outlot 1 and 3 on the face of the plat. Define if these lots are intended to be private or public ownership.
11. The cul-de-sac on Royster Ave shall terminate in a circular turnaround having a minimum right-of-way diameter of one hundred (100) feet and minimum outside curb diameter of seventy-two (72) feet in residential areas. The reverse curve on a cul-de-sac shall have a fifty (50) foot minimum radius when the bulb is centered on the street and a one hundred (100) foot minimum radius when the bulb is offset.
12. The Developer shall continue to coordinate the right of way needs for Cottage Grove Road and the interior A Street with City Engineering, Traffic Engineering and Planning. The Developer shall revise and dedicate the right of way on Cottage Grove Road as required by the City Engineer.
13. The driveway location on Lot 57 may be difficult due to the proximity of the proposed roundabout. It is suggested that the lot layout be modified to provide more room from the splitter islands to allow for a reasonable drive apron.
14. Depending on the timing of the construction the City may construct the public improvements for the plat in 2013 or 2014. This work would be constructed as an assessable project with all costs associated with the construction, permitting, engineering and other activities related to the public improvements being assessed 100% back to the Developer. Construction of the proposed improvements on Cottage Grove Road would likely be constructed and assessed under a separate construction contract and would be assessed in accordance with the City's Assessment Policy.
15. If the City constructs the public improvements for this development the Developer shall provide for temporary limited easement over all lots within the plat. The temporary easements shall expire upon completion of the construction of the streets and infrastructure improvements and the completion of the warranty period for said improvements.

16. The Developer shall be responsible for the installation and the construction coordination of the private utilities, including but not limited to gas, telephone, and electric and/or fiber optic. The Developer's Contractor shall coordinate and work cooperatively with the City's contractor during the construction of the private utility, grading and public works infrastructure construction.

17. The Developer shall hire a consultant to design the proposed public stormwater management / drainage facility within the plat. The Developer shall provide the design for review and approval prior to the City signing off on the plat. The City shall construct and assess the public stormwater management / drainage facility with the assessable project.

18. The Developer shall be responsible to obtain all applicable permits for crossing the rail line with public improvements. Alternatively, if the City obtains permits, the Developer shall be required to pay for all City expenses for time and costs associated with obtaining the permits.

19. The Developer shall pay all MMSD charges prior to the City signing off on the plat.

20. The Developer shall execute a waiver of hearing and notice for the proposed infrastructure improvements on Cottage Grove Road and the streets interior to the plat prior to the sign off of the plat.

21. The Developer shall enter into a City/Developer agreement for the installation of public improvements required to serve this plat. The developer shall be required to provide deposits to cover City labor and materials and surety to cover the cost of construction. The developer shall meet with the City Engineer to schedule preparation of the plans and the agreement. The City Engineer will not sign off on this plat without the agreement executed by the developer (MGO 16.23(9)c).

22. Two weeks prior to recording the final plat, a soil boring report prepared by a Professional Engineer shall be submitted to the City Engineering Division indicating a ground water table and rock conditions in the area. If the report indicates a ground water table or rock condition less than 9' below proposed street grades, a restriction shall be added to the final plat, as determined necessary by the City Engineer (MGO 16.23(9)(d)(2) and 16.23(7)(a)(13)).

23. The Developer shall construct Madison Standard street and sidewalk improvements for all streets within the plat (MGO 16.23(9)(d)6).

24. All proposed street names shall be approved by the City Engineer. Applicant shall contact Lori Zenchenko (608-266-5952) with street name requests (MGO 16.23(8)(a)12).

25. An erosion control plan and land disturbing activity permit shall be submitted to the Engineering Division for review and approval prior to grading or any other construction activities. The Preconstruction Meeting for Public Improvements shall not be scheduled prior to issuance of this permit. The applicant shall demonstrate compliance with MGO Section 37.07 and 37.08 regarding permissible soil loss rates. The erosion control plan shall include Universal Soil Loss Equation (USLE) computations for the construction period. Measures shall be implemented in order to maintain a soil loss rate below 7.5-tons per acre per year.

26. The following notes shall be included on the final plat (MGO 16.23(8)(9)(b)2):

    a) All lots within this plat are subject to public easements for drainage purposes which shall be a minimum of 6-feet in width measured from the property line to the interior of each lot except that the easements shall be 12-feet in width on the perimeter of the plat. For purposes of two (2) or more lots combined for a single development site, or where two (2) or more lots have a shared driveway agreement, the public easement for drainage purposes shall be a minimum of six (6) feet in width and shall be measured only from the exterior property lines of the combined lots that create a single development site, or have a shared driveway agreement, except that the easement shall be twelve (12) feet in width along the

perimeter of the plat. Easements shall not be required on property lines shared with greenways or public streets. No buildings, driveways, or retaining walls shall be placed in any easement for drainage purposes. Fences may be placed in the easement only if they do not impede the anticipated flow of water.
NOTE: IN THE EVENT OF A CITY OF MADISON PLAN COMMISSION AND/OR COMMON COUNCIL APPROVED REDIVISION OF A PREVIOUSLY SUBDIVIDED PROPERTY, THE UNDERLYING PUBLIC EASEMENTS FOR DRAINAGE PURPOSES ARE RELEASED AND REPLACED BY THOSE REQUIRED AND CREATED BY THE CURRENT APPROVED SUBDIVISION.

b) The intra-block drainage easements shall be graded with the construction of each principle structure in accordance with the approved storm water drainage plan on file with the City Engineer and the Zoning Administrator, as amended in accordance with the Madison General Ordinances.

Information to Surveyors: In addition to notes such as this, WI State Plat Review now enforces the requirement that easements or other reference lines/areas be graphically shown, dimensioned and tied when they represent fixed locations. They will accept a "typical detail" when the easement or restriction can be effectively described and retraced from the typical detail.

Note for Engineering Staff: Verify zoning setbacks and drainage easements are not in conflict.

27. Prior to the issuance of building permits, the Developer shall submit a master stormwater drainage plan to the City Engineering Division for review and approval which shows lot corner elevations to the nearest 0.25-foot. For purposes of the plan, it shall be assumed that grading shall be done on a straight-line grade between points unless other information is provided. The proposed slope between points shall always be greater than or equal to .0075 ft/ft. If a break in grade is required between lot corners a shot shall be taken at that break in grade to provide the Engineer with enough information to interpret the plan. The Developer shall also show proposed drainage arrows on the plan to indicate the proposed direction of drainage (MGO 16.23(9)(D)).

    The master storm water drainage plan shall be submitted to City Engineering in digital format with elevations/grades/contours shown on the recorded plat map of the development. The digital record shall be provided using the state plane coordinate system – NAD 27. NOTE: It is required that this plan shall be stamped by and Registered Land Surveyor.

    The following note shall accompany the master storm water drainage plan:

    For purposes of this plan, it is assumed that grading shall be a straight-line grade between points unless otherwise indicated. All slopes shall be 0.75% or steeper. Grade breaks between lot corners are shown by elevation or through the use of drainage arrows.

    No building permits shall be issued prior to City Engineering's approval of this plan.

28. Prior to approval, this project shall comply with MGO Chapter 37 regarding stormwater management. Specifically, this development is required to:

    a) Reduce TSS off of the proposed development by 80% when compared with the existing site.

    b) Provide oil & grease control from the first 1/2" of runoff from parking areas.

    c) Complete an erosion control plan and complete weekly self-inspection of the erosion control practices and post these inspections to the City of Madison website, as required by MGO Ch. 37.

    Stormwater management plans shall be submitted and approved by City Engineering prior to signoff

29. Effective January 1, 2010 The Department of Commerce's authority to permit commercial sites for stormwater and erosion control has been transferred to the Department of Natural Resources. As this site is

greater than one (1) acre, the applicant is required by State Statute to obtain a Water Resources Application for Project Permits (WRAPP) from the Wisconsin Department of Natural Resources, prior to beginning construction. This permit was previously known as a Notice of Intent Permit (NOI). Contact Eric Rortvedt at 273-5612 of the WDNR to discuss this requirement. Information on this permit application is available on line http://dnr.wi.gov/Runoff/stormwater/constrformsinfo.htm The City of Madison cannot issue an erosion control and stormwater management permit until concurrence is obtained from the WDNR (NOTIFICATION).

30. A minimum of two (2) working days prior to requesting City Engineering signoff on the plat the applicant shall contact Janet Dailey (608-261-9688) to obtain the final stormwater utility charges that are due and payable prior to sub-division of the properties. The stormwater utility charges (as all utility charges) are due for the previous months of service. All charges shall be cleared prior to the land division (and subsequent obsolesces of the existing parcel) (POLICY).
31. The Developer shall construct public sanitary sewer, storm sewer, and drainage improvements as necessary to serve the lots within the plat (MGO 16.23(9)(d).
32. All outstanding Madison Metropolitan Sewerage District (MMSD) and City of Madison sanitary sewer connection charges are due and payable prior to Engineering sign-off, unless otherwise collected with a Developer's / Subdivision Contract. Contact Janet Dailey (608-261-9688) to obtain the final MMSD billing a minimum of two (2) working days prior to requesting City Engineering signoff (MGO 16.23(9)(d)(4)

Please contact Eric Halvorson of the Traffic Engineering Division at (608) 266-6527 if you have questions about the following two (2 items:

33. The Traffic Signal and Street Light declaration of conditions and covenants shall be executed and returned to City Traffic Engineering.
34. Public signing and marking related to the development may be required by the City Traffic Engineer for which the developer shall be financially responsible.

Please contact Pat Anderson, Assistant Zoning Administrator at (608)266-5978 if you have questions about the following item:

35. Proposed lots shall be subject to the General Provisions for Residential Districts Section 28.031 as well as usable open space Section 28.140 of the Madison General Ordinances.

Please contact Bill Sullivan of the Madison Fire Department at (608) 261-9658 if you have any questions regarding the following item:

36. Provide the following information to the buyer of each individual one- or two-family lot: Madison Fire Department recommends the installation of a residential fire sprinkler system in accordance with NFPA 13D and SPS 382.40(3)(e). Additional information is available at the Home Fire Sprinkler Coalition website: http://www.homefiresprinkler.org/Consumer/ConsHome.html.

Please contact Kay Rutledge of the Parks Division at (608) 266-4714 if you have any questions regarding the following four (4) items:

37. The developer shall pay $188,085.96 for park dedication and development fees for the new 51 SF units shown in the plat (see below). The fees for the MF units identified for lots 3, 4 and 5, and any others, will be assessed when the multi-family residential development is proposed and approved. The park dedication requirement for a multi-family unit equals 700 square feet per dwelling unit. The fee in lieu of parkland dedication for multi-family units is $1,708.00 per unit in 2013. The park development fee for a multi-family unit in 2013 is $645.40 per dwelling unit. Park impact fees are adjusted on January 1 of each calendar year, and the park impact fees due at the time of building permit issuance may be higher than the amounts stated above to reflect these annual adjustments.

Fees in lieu of dedication = (51 SF@ $2,684.00)=	$136,884.00
Park development fees = (51 SF @ $1,003.96) =	$51,201.96
Total fees =	$188,085.96

38. The developer must select a method for payment of park fees before signoff on this approval. This development is within the Olbrich park impact fee district (SI25). Please reference ID# 13123 when contacting Parks Division staff about this project.

39. All proposed street tree removals within the right of way shall be reviewed by City Forestry. Please submit an existing inventory of trees (location, species, & DBH) and a tree removal plan (in PDF format) to Dean Kahl – dkahl@cityofmadison.com or 266-4816. Approval and permitting of street tree removals shall be obtained from the City Forester and/or the Board of Public Works prior to the approval of the site plan.

40. Existing street trees shall be protected. Please include the following note on the site plan: Contractor shall install tree protection fencing in the area between the curb and sidewalk and extend it at least 5 feet from both sides of the tree along the length of the terrace. No excavation is permitted within 5 feet of the outside edge of a tree trunk. If excavation within 5 feet of any tree is necessary, contractor shall contact City Forestry (266-4816) prior to excavation to assess the impact to the tree and root system. Tree pruning shall be coordinated with City Forestry. Tree protection specifications can be found in section 107.13 of *City of Madison Standard Specifications for Public Works Construction* - http://www.cityofmadison.com/business/pw/documents/StdSpecs/2013/Part1.pdf

Please contact Dennis Cawley of the Madison Water Utility at (608) 261-9243 if you have any questions regarding the following item:

41. All operating private wells shall be identified and permitted by the Water Utility in accordance with MGO 13.21. All unused private wells shall be abandoned in accordance with MGO 13.21. This property is not in a Wellhead Protection Zone.

Please contact Jenny Frese, City Real Estate, at (608)267-8719 if you have questions about the following item:

42. City Real Estate staff may have additional comments for the applicant following review of the complete title report for the property.

Specific questions regarding the comments or conditions contained in this letter should be directed to the commenting agency.

Additional Note: AT&T has proposed a six foot utility easement for the perimeter of several of the new lots (please see attached map) Please contact Marquis Young, Contract Support Engineer at 608-252-2448 with questions about this proposal.

As soon as the comments and conditions have been satisfied as verified with a completed affidavit form (attached), the original along with the revised final plat, with all signatures and approvals from the reviewing agencies, shall be brought to this office for final signoff. You or your client may then record the final plat at the Dane County Register of Deeds. For information on recording procedures and fees, contact the Register of Deeds at 266-4141.

Any appeal regarding the plat, including the conditions of approval related thereto, must be filed with the Circuit Court within thirty (30) days from the date of this letter. **The approval of this plat shall be null and void if not recorded in twelve (12) months from the date of this letter.**

If I may be of any further assistance, do not hesitate to contact me at 266-5974.

Sincerely,

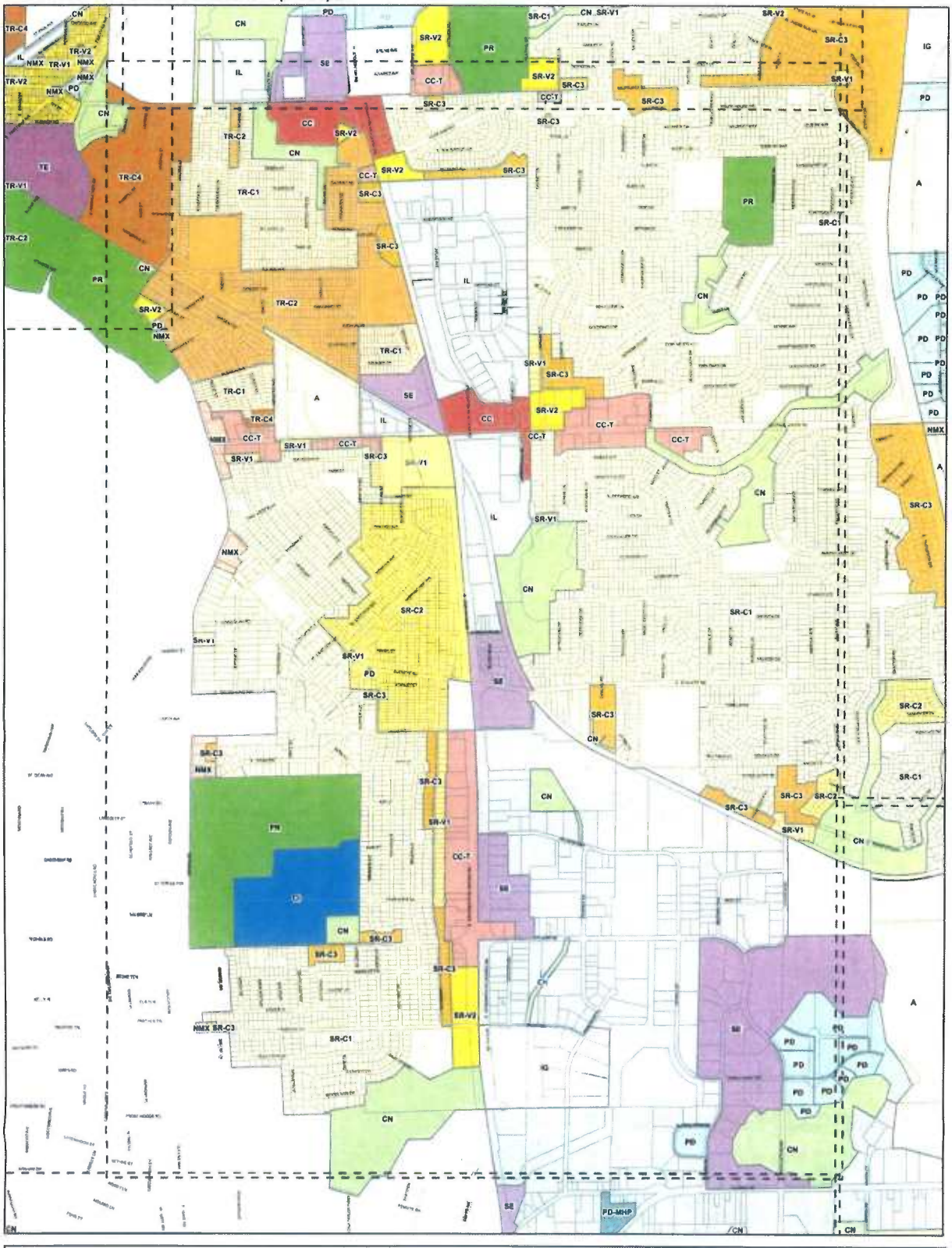
Heather Stouder, AICP

Planner

cc: Janet Dailey, City Engineering Division
Eric Halvorson, Traffic Engineering Division
Dennis Cawley, Madison Water Utility
Bill Sullivan, Madison Fire Department
Pat Anderson, Assistant Zoning Administrator
Jenny Frese, Office of Real Estate Services
Kay Rutledge, Parks Division
Dan Everson, Dane County Planning & Development

City of Madison Zoning Map | Subarea 11

October 2012 - Amended 3rd Substitute Map - Adopted



Residential Districts
- SR-C1
- SR-C2
- SR-C3
- SR-V1
- SR-V2
- TR-C1
- TR-C2
- TR-C3
- TR-C4
- TR-U1
- TR-U2
- TR-V1
- TR-V2
- TR-P
- TR-R

Commercial and Mixed-Use Districts
- NMX
- TSS
- MXC
- CC-T
- CC

Employment Districts
- TE
- SE
- SEC
- EC
- IL
- IG

Downtown and Urban Districts
- DC
- UOR
- UMX
- DR1
- DR2

Special Districts
- A
- CN
- PR
- AP
- CI
- PD
- PD-MHP

500 Feet

Prepared by City of Madison Planning Division and Zoning Staff

RESPONSIBLE PARTY STATEMENT

On behalf of RDC Development, LLC, I hereby affirm that I believe that legal descriptions for all of the properties within or partially within the contaminated site's boundaries where inclusion on a department database is required under Wisconsin Administrative Code NR § 726.07, at the time closure is requested, other than public streets or highway rights-of-way, have been submitted to DATCP and DNR as part of a department database attachment to the closure request.

RDC Development, LLC
Carl Ruedebusch, Manager