September 18, 2017 Project Reference #13621

Mr. Binyoti Amungwafor
Wisconsin Dept. of Natural Resources
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212

RE: Former Lakefield Sand and Gravel Property, 7003 West Good Hope Road, Milwaukee
BRRTS # 02-41-58828 FID #24377070

Dear Binyoti,

This letter has been prepared by The Sigma Group, Inc., (Sigma), on behalf of SWP Properties, LLC, to provide a written response to your letter dated August 22, 2017. Specifically, you asked for updates regarding the following:

1. *The quantity of fill received from the various remedial action sites approved by the DNR. to date*. A total of eight sources of low level impacted soil and sediment have been approved to place soil at the former Lakefield Sand and Gravel (Lakefield) site. The sources of material, the quantity of material placed, and when the import and placement was completed/will be completed, where applicable are provided in **Table 1**.

   The WDNR ch. NR 718 or Low Hazard Exemption approval letters for the import of low level impacted soil or sediment from each of these sites are presented in **Attachment 1**.

2. *The quantity of fill still needed before capping the site.*
   Based on a topographic survey completed on August 31, 2017, space remains available for 22,000-cubic yards of low level impacted soil. A figure showing the areas where filling is in process, where capping is required, and where capping and seeding have occurred is presented as **Figure 1**. A summary of the fill and cap volumes remaining for the project are included in the C.W. Purpero letter presented in **Attachment 2**.

3. *The erosion control and access security plans for the site.*
   Erosion Control
   The site erosion control plan includes the installation and maintenance of silt fence around the perimeter of the site, the installation and maintenance of a tracking pad, and placement of erosion matting on slopes where capping is complete and seeding will occur. A copy of the erosion control plan is presented in **Attachment 3**.

   A copy of WPDES General Permit No WI-S067831-04 issued by the WDNR for the site filling activities is presented in **Attachment 4**. Inspection reports, as included in the WPDES permit for 2017 are included in **Attachment 5**.

Site Access

Access to the landlocked property by vehicle is via a dirt access road which occupies a 16-foot wide strip associated with the property and a portion of the adjacent Milwaukee County property extending from Good Hope Road, just west of the Uihlein Soccer Field building, to the bulk of the property (**Figure 2**). This access road is gated at the location shown on **Figure 2**. The gate is secured with a chain and padlock which is controlled by C.W. Purpero (sole holder of the key for the lock).

Only authorized Sigma and C.W. Purpero personnel are permitted access to the property. Trucks placing material at the property must provide a logged/tracked manifest/load ticket provided at the approved source site prior to entry. A log of the tickets provided at the source site and the manifests received at Lakefield are reconciled to ensure delivery only of approved material. Trucks arriving at the site without a ticket are refused entry to the site.

To discourage entry from the adjacent soccer fields, private property/no trespassing signs have been posted along the northern property boundary (pictures provided in **Attachment 6**) to discourage soccer event participants from entering the property. In addition, Sigma has contacted the Milwaukee Kickers, occupants, and operators of the adjacent soccer fields to actively discourage and prevent trespassing by their patrons.

4. *Anticipated site final closure packet submission date.*
   Pending receipt of the final load of low level impacted sediment from the Underwood Creek project, it is anticipated that the closure packet, complete with GIS registry and a cap maintenance plan will be forwarded to the WDNR approximately eight weeks thereafter.

Please call me at (414) 643-4127 if you have any questions.

Sincerely,

THE SIGMA GROUP, INC.

Kristin Kurzka, P.E.
Senior Engineer

Randy E. Boness, P.G.
Geosciences Group Leader

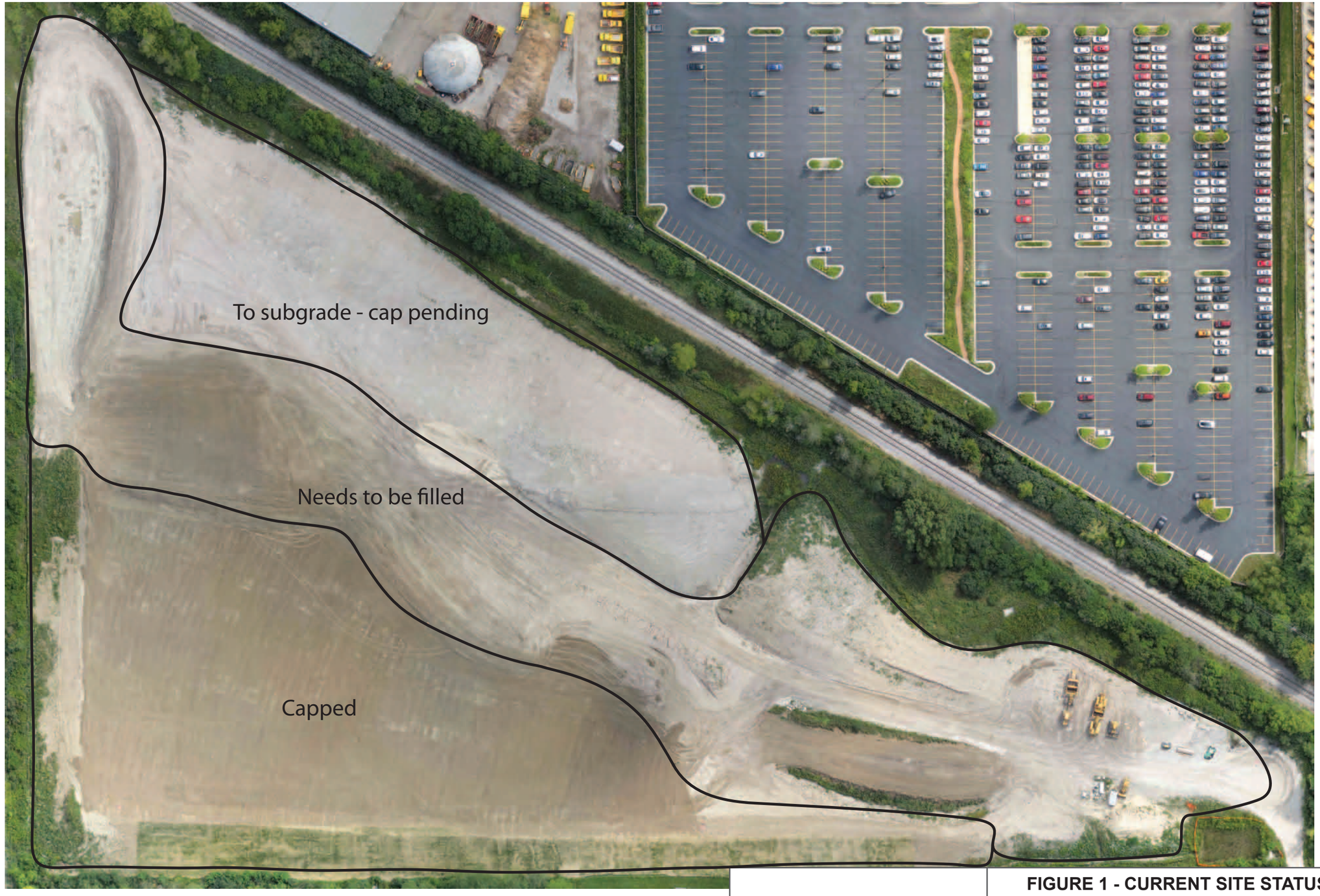
Cc: Dave Scherzer, SWP Properties, LLC

Table

TABLE 1 - SUMMARY OF SOURCES AND TRUCKS/LOADS ACCEPTED
SWP PROPERTIES, LLC

Source of Imported Soil		Number of Trucks/Loads	Estimated Soil Volume -	Date Completed
BRRTS#	Site Name	Accepted	cubic yards	
025-41-551661	Wangard - Avenir	1,775	21,300	August 15, 2014
02-41-554169	Irgens - 833 W. Wisconsin	970	11,640	September 25, 2014
02-41-576540 02-41-576435	MMSD - DRS Basins	6,731	80,772	July 12, 2016
NA	MMSD - Menomonee River	1,280	15,360	July 13, 2016
NA	MMSD - Underwood Creek	2,859	34,308	Scheduled completion Fall 2017
02-41-578975 02-41-578976 02-41-578977	Helen Bader Project	319	3,828	Scheduled completion Fall 2017
02-41-532149 02-41-539928	Wangard - The Reef	101	1,212	February 17, 2017
02-41-576601	H.S.I. - Wauwatosa	332	3,984	Scheduled completion October 2017
	Total	*14,367*	*172,404*	

Figures



THE SIGMA GROUP
Single Source. Sound Solutions.

FIGURE 1 - CURRENT SITE STATUS (AUGUST 31, 2017)

FORMER LAKEFIELD SAND & GRAVEL
GOOD HOPE ROAD
MILWAUKEE, WI

FIGURE
1

Project: 13621 | Directory: OUTGOING | Filename: F1_Current Site Status Aug 31.pdf | Created By: JJK | Date: 9/14/2017

Project: 13621 | Directory: OUTGOING | Filename: F2_Site Access Map.ai | Created By: JJK | Date: 9/14/2017

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SITE ACCESS MAP

FORMER LAKEFIELD SAND & GRAVEL
GOOD HOPE ROAD
MILWAUKEE, WISCONSIN

FIGURE
2

Attachment 1

WDNR ch. NR 718 or Low Hazard Exemption Approval Letter

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

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

October 10, 2012

The Clifford H. Hendricks Revocable Trust and Good Lad, LLC
C/O Mr. John Gehringer, Esq
O'Neil Cannon, Hollman, Dejong, S.C.
11 E. Wisconsin Ave. Suite 1400
Milwaukee, WI 53202-4870

RE; Soil Placement Approval Request (03/12/2012), Addendum (10/01/2012 and 10/09/2012), Former Lakfield Sand & Gravel Property, 7003 West Good Hope Road, Milwaukee, Wisconsin WDNR BRRTs 02-41-548828, FID # 241377070

Dear Mr. Gehringer:

The Remediation and Redevelopment Program, Milwaukee Service Center, Southeast Region has reviewed the above referenced documents submitted by THE SIGMA GROUP on your behalf. The soil placement request for soils originating from the Former Milwaukee Park East Lot 1 parcel has been approved in accordance with provisions stated in NR 718.13 (4), Administrative Code

The conditions of approval are:

1. Low level impacted soils will be excavated from the Milwaukee Park East Lot 1 and transported to the Former Lakefield Sand & Gravel Property.
2. Impacted soils from GP-2 (20 x 20 X 5 feet) and GP-7 (2-4 feet){Former Milwaukee Park East Lot 1 parcel BRRTs # 02-41-551661, FID # 341162360} showing elevated PAHs will be excavated and transported to a subtitle D licensed landfill for disposal.
3. Capping of the Former Lakefield Sand & Gravel Property will consist at the minimum of:
   (a) One foot of clean soil beneath one foot of clean low permeable (hydraulic conductivity of 10-6 or less of soils consisting primarily of silty clay or clayey silts such as the Oak Creek till.
   (b) The low permeable soil will be capped with 3 - inches of topsoil and will be seeded for stabilization until such a time that the site may be developed for soccer fields and at such a time when additional top soil or different seed mixes may be applied
   (c) Submission of a request for closure with a complete GIS Packet and Maintenance plan

If you have any questions concerning this letter, please, contact me at 414-263-8607.

Sincerely,

Binyoti F. Amungwafor

CC: Ms. Kristin Kurzka, Mr. Randy E. Boness, THE SIGMA GROUP
Case File

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Southeast Region Headquarters
Milwaukee Service Center
2300 N. Dr. M L King Jr. Drive
Milwaukee, Wisconsin 53212
FAX 414-263-8483

DATE: 10/10/2012

TOTAL PAGE COUNT 1
(INCLUDING COVER SHEET)

TO: Mr Randy Boness
Ms Kristin Kurzka

FAX # 414-645-4210

COMPANY / AGENCY / REGION:

* * * * *

FROM: Briyoti

YOU CAN CALL ME AT: 414-263-8607

COMMENTS:

unable to send a pdf as my mail box is full.

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee WI 53212-3128

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

April 1, 2014

Mr. Timothy Gasperetti
833 Buena Vista Tierra Investors, LLC
10700 Research Drive, Suite One
Milwaukee, WI 53226

Subject: Approval for Management of Contaminated Soil under ch. NR 718 Wis. Adm. Code
U.S. Bank Michigan St. Shipping and Receiving site, 833 E. Michigan St., Milwaukee, WI
WDNR BRRTS#02-41-554169 FID#341176880

Dear Mr. Gasperetti:

The Wisconsin Department of Natural Resources (Department) has received the March 6, 2014 *Soil Placement Approval Request (ch. NR 718.12 Approval)* that was submitted on your behalf by Joshua Neudorfer of The Sigma Group (Sigma). Sigma is requesting on behalf of 833 Buena Vista Terra Investors, LLC, that the Department grant approval under ch. NR 718.12 Wis. Adm. Code to allow low-level contaminated soil originating from the property at 833 E. Michigan St., Milwaukee, WI to be placed on the Former Lakefield Sand and Gravel property located at 7003 W. Good Hope Road, Milwaukee, WI (WDNR BRRTS#02-41-548828 FID#241377070). The 833 E. Michigan St. property is owned by 833 Buena Vista Tierra Investors, LLC and the receiving property is owned by SWP Properties, LLC. Approximately 17,286 cubic yards of soil excavated from the Michigan St. property during site redevelopment is proposed to be disposed of for re-use at the Lakefield Sand and Gravel site to raise the grade prior to capping the site as the final remedy in accordance with the requirements of Chapters NR 700 to 754 Wis. Adm. Code.

833 E. Michigan St.
An estimated 39,260 cubic yards of soil will be excavated during the redevelopment of the 833 E. Michigan St. property which has been characterized as follows:

- An estimated 3,417 cubic yards of soil identified as "impacted" soil contains tetrachloroethene, trichloroethene, lead, mercury and acenaphthylene. This soil is proposed to be disposed of at a licensed landfill facility.

- Approximately 17,286 cubic yards of "low-level impacted" soil is contaminated with polyaromatic hydrocarbons (PAHs), petroleum volatile organic compounds and metals. This soil is proposed to be disposed of at the Former Lakefield Sand and Gravel site.

- 18,557 cubic yards of "non-impacted" soil will be managed on-site or at an off-site fill site.

Soil at 833 E. Michigan St. property appears to have been characterized sufficiently to show concentrations similar to and below the present soil contaminant concentrations at the Lakefield Sand and Gravel site.

Ch. NR 718.12(1) and (2) Wis. Adm. Code approval
Based on the review of the *Soil Placement Approval Request*, the requirements of ch. NR 718.12 (1) and (2) Wis. Adm. Code have been met with some conditions/exemptions noted below. The Department approves the proposed disposal and re-use of approximately 17,286 cubic yards of low-level impacted soil from the 833 E. Michigan St. to the Lakefield Sand and Gravel site. Soil identified as "impacted" may not be disposed of at the

Lakefield Sand and Gravel property. Documentation that impacted soil has been disposed of at a licensed facility must be provided to the project manager for the Lakefield Sand and Gravel site as well as the subject site.

Grant of exemption to ch. NR 718.12(1) (e)1. sampling requirements. The number of samples collected to characterize soil proposed for disposal at Lakefield Sand and Gravel is approximately one sample being collected from every 640 cubic yards. This number is based on samples already collected and those proposed in Sigma's March 6, 2014 *Work Plan for Supplemental Phase II ESA*. Due to the low level nature of the PAH and metals impacts associated with this soil, the Department concurs that the soil will be sufficiently characterized utilizing the proposed sampling frequency. Therefore, the Department grants an exemption to the sampling requirements of ch. NR 718.12(1)(e)1. Please note that the volume estimates for non-impacted, low-level impacted and impacted soil should be refined based on the results of the additional soil sampling. Additionally, if subsequent sampling activities encounter contamination inconsistent with previous findings, additional sampling should be undertaken to assess the nature and extent of the contamination.

Ch. NR 718.12(1)(c) locational criteria for the Lakefield Sand and Gravel site will be met as long as soil from the 833 E. Michigan St. property is not placed within a 20 foot radius of soil boring SB-2 on the Former Lakefield Sand and Gravel site. Approval for placement of soil at the Lakefield Sand and Gravel site is conditioned on this requirement being met.

Ch 718.12 (2)
(a) You must provide the Department with written notice at least 7 days prior to initiating soil excavation activities.
(b)The soil management plan as required in ch. NR (718.12(2)(b) has been submitted and is approved by the Department. Please provide the Department with updated volume estimates/delineations based on new sample location results prior to initiating soil excavation. Also please submit geographic position information determined in accordance with 716.15(5)(d) for both the 833 E. Michigan St. property and the Lakefield Sand and Gravel site. You are required to meet all other applicable reporting and waste disposal documentation requirements.

The Department hopes that the approval provided here meets your needs as well as the receiving site, Lakefield Sand and Gravel (SWP Properties, LLC). Please do not hesitate to contact me at (414) 263-8533 if you have any questions or concerns regarding this letter or Binyoti F. Amungwafor at (414) 263-8607 if you have questions regarding the Lakefield Sand and Gravel site. The Department appreciates the efforts 833 Buena Vista Tierra Investors is taking to investigate and remediate the environment at this property.

Sincerely,

Nancy D. Ryan, Hydrogeologist
Remediation and Redevelopment

Cc: SER case file BRRTS#02-41-554169 and #02-41-548828
Mr. Dave Scherzer, SWP Properties, LLC – electronic copy only
Joshua Neudorfer, Sigma – electronic copy only

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

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

March 3, 2106

Milwaukee Metropolitan Sewerage District
Attn: Mr. Jerome Folgel
260 Seeboth Street
Milwaukee, WI 53204

Subject: Approval for Management of Contaminated Soil under s. NR 718.12, Wis. Adm. Code

Generator Property: North Basin (MMSD Parcel 17) SW Quadrant of the Intersection of North 30th Street and West Congress Street Milwaukee, Wisconsin FID: 341268400, BRRTS: 02-41-576540.

Generator Property: East Basin (MMSD Parcels 1 through 10) 4234 North 30th Street through 4282 North 30th Street, Milwaukee, Wisconsin FID: 341268070, BRRTS: 02-41-576435.

Disposal Property: Lakefield Sand & Gravel Property, 7003 West Good Hope Road, Milwaukee, Wisconsin FID: 241377070, BRRTS: 02-41-548828

Dear Mr. Folgel:

On January 26, 2016, Kristin Kurzka of The Sigma Group (Sigma) submitted a Soil Management Approval request for the MMSD DRS North and East Basins, for approval under s. NR 718.12 Wis. Adm. Code, to allow disposal of excavated contaminated soil at a location other than that from which it was excavated. The Wisconsin Department of Natural Resources (Department) received the $700 technical assistance fee for providing review and response, in accordance with s. NR 749.04(1), Wis. Adm. Code.

Summary of Proposed Soil Management Activities

MMSD proposes to relocate approximately 7,250 yd^3 from the East Basin and 74,083 yd^3 from the North Basin properties of excavated contaminated soil (or solid waste) from the MMSD DRS East and North Basin sites at the Lakefield Sand & Gravel Property (Lakefield) located at 7033 West Good Hope Road, Milwaukee, Wisconsin. MMSD proposes to dispose of this material, in accordance with s. NR 718.12 Wis. Adm. Code which exempts the disposal site from solid waste requirements in Ch. 289, Stats., and chs NR 500 to 538 Wis. Adm. Code. MMSD has initiated a storm water/flood mitigation project in the northern 30th Street Corridor. The project includes the construction of two storm water retention basins just north (North Basin) and east (East Basin) DRS Power & Control Technologies, Inc. (DRS) located at 4265 North 30th Street Milwaukee. The project includes construction of a new storm sewer infrastructure and implementation of green infrastructure elements including porous pavement, native landscaping and rain barrels.

The construction of the East Basin and North Basin includes the excavation and offsite placement of a total estimated of 81,333 yd^3 of soil. Of this total, 7,250 yd^3 comes from the East Basin and 74,083 yd^3 comes from the North Basin. Soil/fill, described as Category B and C material, proposed for offsite disposal to Lakefield is contaminated with low level polycyclic hydrocarbons (PAHs) and RCRA metals. Soil placed at Lakefield Sand & Gravel will be incorporated into that site's remedial action plan which includes capping the material with low permeability soil.

Information submitted to support the s. NR 718.12 Wis. Adm. Code soil management request includes the following:

- Email from Kurzka to Hnat dated February 25, 2016, North & East Basin Question Reply
- Ch. NR 718.12 Soil Management Approval Request – Addendum, dated February 12, 2016

- Ch. NR 718.12 Soil Management Approval Request, dated January 26, 2016

Location standards: s. NR 718.12 (1)(c) Wis. Adm. Code

Information provided in the soil disposal request indicates that the disposal site complies with the locational criteria of Ch. NR 718.12 Wis. Adm. Code (1)(c) so that soil will not be placed or replaced in the following areas:

1. Within a floodplain.
2. Within 100 feet of a wetland or critical habitat area.
3. Within 300 feet of any navigable river, stream, lake, pond, or flowage.
4. Within 100 feet of any onsite water supply well or 300 feet of any offsite water supply well.
5. Within 3 feet of the high groundwater level.
6. At a depth greater than the depth of the original excavation from which the contaminated soil was removed.
7. Where the contaminated soil poses a threat to public health, safety, or welfare, or the environment.

Grant of exemption to s. NR 718.12(1)(c) 2 & 3

In consideration of the relative insolubility of the contaminants, placement of the material 8 feet or more above the measured groundwater table and proposed capping of the material, the Department grants an exemption to the location criteria of s. 718.12(1)(c) 2 & 3 and will allow placement of contaminated soil within 100 feet of a wetland and within 300 feet of a pond.

Soil Characterization

Soil proposed for excavation from the Eat and North Basin areas is contaminated with PAHs and RCRA metals. The sampling criteria of s. NR 718.12(1)(e), Wis. Adm. Code have been met.

The following information has been provided in the s. NR 718.12, Wis. Adm. Code request document:

Generator Site Information

Property Owner/Responsible Party:

North Basin

- Milwaukee Metropolitan Sewerage District, Attn: Jerome Flogel, 260 West Seeboth Street Milwaukee, Wisconsin
- Generator Address: North Basin (MMSD Parcel 17), SW quadrant of the intersection of North 30th Street and West Congress Street Milwaukee, Wisconsin
- Location by quarter section: Northwest ¼, Section 1, Township 7, Range 21 East
- WTM: X = 686675, Y = 293602
- Volume of contaminated soil to be managed: 74,083 yd^3
- Consultant: The Sigma Group, Inc., Attn: Kristen Kurzka, 1300 West Canal street, Milwaukee, WI 53233

East Basin

- Milwaukee Metropolitan Sewerage District, Attn: Jerome Flogel, 260 West Seeboth Street Milwaukee, Wisconsin
- Generator Address: East Basin (MMSD Parcels 1 through 10) 4234 North 30th Street through 4282 North 30th Street Milwaukee, Wisconsin
- Location by quarter section: Southeast ¼, Section 1, Township 7, Range 21 East
- WTM: X = 686823, Y = 293293
- Volume of contaminated soil to be managed: 7,250 yd^3
- Consultant: The Sigma Group, Inc., Attn: Kristen Kurzka, 1300 West Canal street, Milwaukee, WI 53233

Disposal Site Information\

- Property Owner/Responsible Party: Former Lakefield Sand and Gravel Property, SWP Properties, LLC, Attn: David Scherzer, 1300 West Canal Street Milwaukee, WI 53233
- Disposal Property Address: 7003 West Good Hope Road, Milwaukee, WI
- Location by quarter-quarter section: Southeast ¼ of the northwest ¼ of Section 22, Range 21 East
- Consultant: The Sigma Group, Inc., Attn: Kristin Kurzka, 1300 West Canal Street Milwaukee, WI 53233

S. NR 718.12 Wis. Am. Code Approval

Based on review of the above-referenced documents, and the requirements of s. NR 718.12 Wis. Adm. Code, the Department approves the soil management plan for disposal of up to 81,333 yd^3 of contaminated soil that will be excavated from the MMSD North and East Basin locations to the Lakefield Sand and Gravel site location. Approval is conditioned upon compliance with the following:

Conditions of Approval

- Soil excavation from the generating site and placement at the receiving site shall be completed within 1 year of the effective date of this letter unless a written extension of this condition is obtained from the Department.
- MMSD shall manage excavated material in conformance with the approved materials management plan and shall notify the Department within 24 hours of discovering material that is not consistent with the contaminant characteristics that have been reported to the Department for the generating site. The material must be segregated and tested to determine the proper disposal.
- MMSD and Lakefield Sand and Gravel are responsible for obtaining any local, federal, or other applicable state permits to carry out the project. If the project will involve the disturbance of more than one acre of land at either the generating site or the disposal site, you may need a storm water permit; please contact the Department's storm water Manager to determine what, if any, permit is needed.
- MMSD shall not dispose of more than 81,333 yd^3 of excavated soil from the North and East Basins at the Lakefield Sand and Gravel site unless written approval is granted by the Department.
- MMSD shall submit to the Department, documentation of excavation and disposal activities within 30 days of completing the disposal activities. Report shall include description of total volume of material transported to disposal site and location of disposal.
- Lakefield Sand and Gravel shall comply with applicable requirements of s. NR 718.12(2)(e)

The Department reserves the right to require the submittal of additional information or to modify or revoke this soil management approval if MMSD or Lakefield Sand and Gravel fail to comply with the requirements of the soil management plan, as proposed. The Department also retains its right to modify or revoke this approval if circumstances or conditions change, or if new information is found which would warrant modification or revocation of this approval.

If you have any questions regarding this approval decision, please contact me in writing at the letterhead address, by call 414-263-8644, or by email at: john.hnat@wisconsin.gov

Sincerely,

John J. Hnat, P. G.
Project Manager\Hydrogeologist
Southeast Region
Remediation and Redevelopment

C: Kristin Kurzka – the Sigma Group

David Scherzer – Lakefield Sand and Gravel
Carl Johnson – CDM Smith
WDNR SER Files

State of Wisconsin

CORRESPONDENCE/MEMORANDUM

DATE: June 29, 2015 FILE REF: FID 241377070, BRRTs # 02-41-548828

TO: Gerald DeMers – WMMP/SER

FROM: Binyoti F. Amungwafor – RR/SER

SUBJECT: Low Hazardous Exemption Request & Ch. NR 718.12 Soil Management Approval Addendum 3

This memo is written to approve soils with select PAHs, selenium and lead detected within the Menomonee River soils having similar concentrations and below are accepted at the Former Lakefield Sand and Gravel Site. Up to 15,000 Cubic yards of soil from the Menomonee River Site will be transported to the Former Lakefield Sand & Gravel Site applying soil transportation protocols of such excavated materials. The Department agrees with Sigma's recommendation that soils impacted by TCE and 1, 4-dichlorobezene at the Menomonee River Site are to be excavated and transported to a Subtitle D licensed landfill.

Please contact me at (414-263-8607 if you have any further questions concerning this memo.

CC. Nancy Ryan – RR/SER
Linda Michalets – RR/SER
Case File

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Milwaukee Headquarters
2300 North Martin Luther King Drive
Milwaukee, WI 53212

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

March 25, 2016

FID# 341258940 (Generating Site)

FID # 241377070 (Receiving Site)
Milwaukee County
SW/CORR

Ms. Rebecca Specht, P.E., Senior Project Manager
Milwaukee Metropolitan Sewerage District
260 W. Seeboth Street
Milwaukee, WI 53204

Mr. David Scherzer
SWP Properties, LLC
1300 W. Canal Street
Milwaukee, WI 53233

Subject: Underwood Creek Rehabilitation and Flood Management Project, Wauwatosa, Wisconsin
Conditional Low Hazard Waste Grant of Exemption and s. NR 718.12 Soil Management Plan Grant of Exemption for Disposal of Dredged Material at the
Lakefield Sand and Gravel Property, 7003 West Good Hope Road, Milwaukee, Wisconsin,
WDNR BRRTS No 02-41-548828

Dear Ms. Specht and Mr. Scherzer:

The Department has completed our review of your request for low hazard waste exemption in accordance with s. 289.43(8), Stats. Based on our review the proposed activity is not likely to cause environmental contamination or endanger human health and welfare, provided that the project is carried out in accordance with the proposed plan and conditions of the approval. Thus your request is hereby approved.

The SIGMA Group submitted a Low Hazard Exemption and NR 718.12 Soil Management Approval request on behalf of the Milwaukee Metropolitan Sewerage District (MMSD) on February 22, 2016. The MMSD is planning to improve a section of the Underwood Creek channel in Wauwatosa. The proposed creek restoration includes the removal of the existing concrete liner, re-grading of the adjacent creek banks (except beneath Highway 45) and reconstruction of portions of the project area with wetlands. As part of this work dredged material and excess soils will need to be managed off site. The MMSD proposes to place the dredged material and excess soil on the Lakefield Sand and Gravel site that is located at 7003 West Good Hope Avenue, Milwaukee. The Department believes that if the contaminated material is compacted properly, graded to suitable slopes, covered with clean soil and vegetated, it should be protected from exposure and erosion and any users of the property should be protected from direct contact with contaminants and the contaminated soils will not be a threat to other protected resources.

If you have any questions regarding this grant of exemption, please contact Gerald DeMers at 414-263-8594 or by e-mail at gerald.demers@wisconsin.gov

Sincerely,

Cynthia Moore, Supervisor
Waste and Material Management Program, Southeast Region

Cc: Gerald DeMers- DNR SER
Kristin Kurza, The Sigma Group
Binyoti Amungwafor- DNR SER
Nancy Ryan- DNR SER
Heidi Jasso – DNR SER

BEFORE THE
STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

CONDITIONAL LOW HAZARD WASTE GRANT OF EXEMPTION
FOR THE PLACEMENT OF SOLID WASTE
ON A PROPERTY LOCATED AT 7003 WEST GOOD HOPE ROAD
IN THE CITY OF MILWAUKEE

FINDINGS OF FACT

The Department of Natural Resources (Department) finds that:

1. SWP Properties, LLC owns the former Lakefield Sand and Gravel site, located at 7003 West Good Hope Road in the City of Milwaukee. The location of this property is:
   - SE ¼ of the NW ¼ of Section 22, Township 7 North, Range 21 East; City of Milwaukee, Milwaukee County, State of Wisconsin.

2. The Milwaukee Metropolitan Sewerage District (MMSD) is planning to restore a ¾ - mile section of Underwood Creek starting just west of the Highway 45 crossing east downstream to the point at which the creek joins the Menomonee River, adjacent to Hansen Golf Course in the City of Wauwatosa.

3. Dredging Underwood Creek and adjacent upland soils will generate excess soil and dredged material that needs to be disposed of offsite. Some of these materials and soils contain relatively low concentrations of heavy metals, polychlorinated biphenols (PCBs) and polycyclic aromatic hydrocarbons (PAHs) from historic industrial discharges to the river. Dredged material and the excess soils are considered to be solid waste as defined by s. 289.01 (33), Stats.

4. The MMSD is requesting that approximately 39,000 cubic yards of dredged material and excess soil generated at the site be placed on the former Lakefield Sand and Gravel property.

5. The Sigma Group, on behalf of the MMSD, submitted a request for exemption on February 22, 2016, which was received by the Department on February 24, 2016. The document requested approval for placement of dredged material and excess soils at the Lakefield Sand and Gravel property.

6. The plan review fee of $700, which is required for review of a NR 718.12 soil management approval, was received with the February 22, 2016 request for exemption.

7. In addition to the February 22, 2016 exemption request, documents considered in the exemption request include the following:

   a. "Phase II Environmental Site Assessment, Underwood Creek Rehabilitation and Flood management Project, Wauwatosa, Wisconsin," dated December 2005 and prepared for the MMSD by GeoTrans, Inc.

   b. "Update to Phase II Environmental Site Assessment, Underwood Creek Rehabilitation and Flood Management Project Phase 1 Design, Wauwatosa, Wisconsin" dated February 2008 and prepared for the MMSD by Short Elliot Hendrickson, Inc.

c. A March 6, 2015 letter from Gerald DeMers of the Department to Becky Specht indicating that the materials excavated from Underwood Creek may be eligible for a low hazard exemption.

d. A July 6, 2015 letter from Kristin Kurza and Randy Boness of the SIGMA Group requesting approval of a sampling plan to characterize soils originating from Underwood Creek.

e. A December 1, 2015 Draft Low Hazard Exemption request from the SIGMA Group.

f. A March 8, 2016 memorandum from Binyoti Amunwafor to Gerald DeMers approving the placement of an estimated 39,000 cubic yards of materials from Underwood Creek at the Lakefield Sand and Gravel site.

8. Additional facts relevant to the review of the request for grant of exemption include the following:

a. A portion of the channel materials and upland soils contain low concentrations of PAHs, arsenic, lead and PCBs. Pre-removal contaminant concentration data are listed in the documentation of the site investigation. Historically, post-removal concentrations of contaminants in soil and dredged material are lower due to mixing and dilution.

b. Surface protection by soil cover and vegetation at the disposal site is proposed to prevent exposure and direct contact between the contaminated soils and any users of the property and to prevent erosion to surface water and other protected resources. The identified contaminants adhere strongly to soil particles and generally are expected to be contained if the excess soil and dredged material are contained.

c. The residual contaminants of concern in the dredged material and excess soils are low in leaching potential and the organic materials are subject to slow degradation over time.

d. The dredged material and excess soils can be excavated, hauled, placed, and compacted using conventional earthwork construction practices.

9. The proposed disposal site complies with the following locational criteria of NR 718.12(c), Wis. Adm. Code, in that it is not:

a. Within a floodplain – the property is not within a floodplain.

b. Within 100 feet of any wetland or critical habitat area- A wetland has been identified at the receiving site, but no soils will be placed within 100 feet of it. Based on past and present uses, the site is not a critical habitat area.

c. Within 100 feet of any on-site water supply well or 300 feet of any off-site water supply well- Drinking water in the City of Milwaukee is supplied from Lake Michigan by the City, and there are no drinking water wells in the vicinity of the site.

d. Within 3 feet of the high groundwater level- Materials will be placed at least 8 feet above the measured water table.

The Department hereby grants the requested low hazard waste exemption, as authorized by s. 289.43(8), Stats., to allow the MMSD to place dredged material and excess soils from Underwood Creek at the former Lakefield Sand and Gravel site:

General:

1. Placement of excess soils and dredged materials at the disposal site and originating from Underwood Creek under this exemption shall be completed within 2 years of the effective date of this exemption.

2. A licensed solid waste hauler shall be used for transporting excess soils and dredged materials on public roads from the generating site to the disposal site.

3. This exemption is limited to the excess soils and dredged materials generated from excavations at the generating site as characterized in the February 22, 2016 request. Excess soils and dredged materials that are not consistent with the contaminant characteristics that have been reported to the Department for the generating site shall be segregated and disposed at a licensed landfill.

4. Failure to maintain compliance with applicable laws, rules, regulations and terms and conditions of this exemption, for any reason, may be subject to statutory enforcement procedures to maintain compliance with this exemption.

The Milwaukee Metropolitan Sewerage District

1. The MMSD shall submit a letter-form report to the Department 60 days after the completion of the project. The report shall include start and end dates of the project and an estimate of the amount of excess soils and dredged material transported to the former Lakefield Sand and Gravel site and tonnage disposed at a licensed landfill, if any.

Former Lakefield Sand and Gravel Site:

1. Any disposal activities at the former Lakefield Sand and Gravel site shall be conducted in a manner that would not result in any of the following:

   a. Pose a threat to public health, safety, or welfare or the environment.

   b. Cause or exacerbate an attainment or exceedance of any preventative action limit or enforcement standard at any applicable point of standards application as defined in ch. NR 140, Wis. Adm. Code.

   c. Cause a violation of surface water quality standards in chs. NR 102 to 106, Wis. Adm. Code.

   d. Cause a violation of air quality standards contained in chs. NR 400 to 499, Wis. Adm. Code.

   e. Cause a vapor action level in indoor air to be attained or exceeded.

2. This exemption shall be limited to disposal of no more than 40,000 cubic yards of excess soils and dredged materials from Underwood Creek unless approved by the department.

e. At a depth greater than the depth of the original excavation from which the contaminated soil was removed- Not applicable because the disposal site is different than the generating site.

f. Where the contaminated soil poses a threat to public health, safety, or welfare or the environment- The dredged material and excess soils do not pose a risk of leaching contaminants to groundwater, and will be prevented from direct contact by a cap that will be maintained.

10. A public meeting was held on March 22, 2016 at the MMSD office located at 260 W. Seeboth Street, City of Milwaukee for placement of the same materials on this property. Comments were accepted by the DNR through March 24, 2016. No comment was received from the public for this project.

11. The conditions set forth in this grant of exemption are necessary to assure protection of the environment and to prevent contamination of surface water. If the conditions are complied with, the proposed exemption will not inhibit compliance with the applicable provisions of ch. 30, 31, 160, and 280 to 299, and ss.1.11, 23.40, 59.692, 59.693, 60.627, 61.351, 61.354, 62.231, 62.234, and 87.30, Stats.

CONCLUSIONS OF LAW

1. In accordance with the definition of "solid waste" in section 289.01(33), Stats., excess soil and dredged material that are considered to be discarded are solid waste.

2. Based on the foregoing, the Department has the authority under s. 289.43(8), Stats., and ss. NR 500.08(5), Wis. Adm. Code, to issue a grant of exemption if the exemption would not inhibit compliance with the applicable provisions of ch. 30, 31, 160, and 280 to 299, and ss. 1.11, 23.40, 59.692, 59.693, 60.627, 61.351, 61.354, 62.231, 62.234, and 87.30, Stats.

3. The Department has authority to approve a grant of exemption with conditions if the conditions are needed to ensure compliance with the applicable provisions of ch. 30, 31, 160, and 280 to 299, and ss. 1.11, 23.40, 59.692, 59.693, 60.627, 61.351, 61.354, 62.231, 62.234, and 87.30, Stats.

4. The conditions set forth below are needed to ensure compliance with the applicable provisions of ch. 30, 31, 160, and 280 to 299, and ss. 1.11, 23.40, 59.692, 59.693, 60.627, 61.351, 61.354, 62.231, 62.234, and 87.30, Stats.

5. In accordance with the foregoing, the Department has the authority under s. 289.43(8), Stats., and NR 500.08(5), Wis. Adm. Code, to issue the following conditional grant of exemption.

CONDITIONAL GRANT OF EXEMPTION

A pond is present within 100 feet of the property line of the disposal site. The Department hereby grants an exemption for this site from the locational criterion of NR 718.12(1)(c)3, Wis. Adm Code.

3. Access to the former Lakefield Sand and Gravel site shall be controlled to prevent unauthorized disposal.

4. Excess soils and dredged material disposed at the former Lakefield Sand and Gravel site shall not be re-excavated or removed from the site without the Department's prior written approval.

This grant of exemption is based on the information available to the Department as of the date of approval. If additional information, project changes or other circumstances indicate a possible need to modify this exemption, the Department may ask that further information relating to this activity be provided. Likewise, the Department accepts proposals to modify exemptions, as provided for in state statutes and administrative codes. Unless specifically noted, the conditions of this grant of exemption do not supersede or replace any previous conditions of approval for these two properties.

NOTICE OF APPEAL RIGHTS

If you believe you have a right to challenge this decision made by the Department, you should know that Wisconsin statutes and administrative codes establish time periods and requirements for reviewing Department decisions.

To seek judicial review of the Department's decision, sections 227.52 and 227.53, Stats., establish criteria for filing a petition for judicial review. You have 30 days after the decision is mailed or otherwise served by the Department to file your petition with the appropriate circuit court and serve the petition on the Department. The petition shall name the Department of Natural Resources as the respondent.

Dated: March 25, 2016

DEPARTMENT OF NATURAL RESOURCES
For the Secretary

Cynthia Moore

Cynthia Moore, Supervisor
Waste and Materials Management Program, Southeast Region

Gerald DeMers

Gerald L. DeMers, P.E., Environmental Engineer
Waste and Materials Management Program, Southeast Region

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee WI 53212-3128

Scott Walker, Governor
Cathy Stepp, Secretary
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WISCONSIN DEPT. OF NATURAL RESOURCES

June 14, 2017

Mr. Frank Cumberbatch
MLK LLC
c/o Bader Philanthropies, Inc.
233 N. Water Street, 4th Floor
Milwaukee, WI 53202

Mr. David Scherzer
SWP Properties, LLC
1300 W. Canal Street
Milwaukee, WI 53233

Subject: Amendment to NR 718.12 Contaminated Soil Management Volume

Generator Property:
Bader Philanthropies Headquarters – 3300, 3306, 3314, and 3318 N. MLK Jr. Drive & 3317, 3323, and 3333 N. 4th Street, Milwaukee, WI 53212
BRRTS # 02-41-578975 / FID # 341285010 (3318 N. MLK Jr. Drive)
BRRTS # 02-41-578976 / FID # 341285120 (3314 N. MLK Jr. Drive)
BRRTS # 02-41-578977 / FID # 341285230 (3300 N. MLK Jr. Drive)

Disposal Property:
Former Lakefield Sand and Gravel Property - 7003 W. Good Hope Rd., Milwaukee, WI
BRRTS # 02-41-548828 / FID # 241377070

Dear Mr. Cumberbatch and Mr. Scherzer:

On March 28, 2017, the Wisconsin Department of Natural Resources (DNR) received a *NR 718.12 Contaminated Soil Management Request* submitted by The Sigma Group (Sigma) to allow disposal of excavated contaminated soil at a location other than that from which it was excavated. The DNR received a $700 technical assistance fee to provide review and response to the request, in accordance with Wis. Admin. Code § NR 749.04(1). As part of the request, a technical assistance meeting was held at the DNR Southeast Region Headquarters in Milwaukee on April 6, 2017 with representatives from Sigma, Foley & Lardner LLP, MLK LLC c/o Bader Philanthropies, Inc. (MLK LLC), and DNR. The DNR approved the *NR 718.12 Contaminated Soil Management Request* in a May 12, 2017 approval letter. On June 12, 2017, the DNR received an *Amendment to NR 718.12 Contaminated Soil Management Volume* (the Request) submittal requesting a larger volume of contaminated soil be permitted under the DNR Wis. Admin. Code § NR 718.12 approval issued May 12, 2017, for the above-referenced Source Property and Disposal Property.

Updated Summary of Proposed Soil Management Activities
The May 12, 2017, DNR approval letter included a condition that no more than 3,000 cubic yards (yd^3) of excavated soil from the Source Property may be excavated and transported to the Disposal Property unless written approval is granted by the DNR. According to the Request, the approved soil management activities commenced the week of June 6, 2017, and as the excavation work progressed it was evident that the actual soil cut volume would exceed the approved 3,000 cubic yards (yd^3). Sigma conferred with the excavation contractor

(Rams Contracting Ltd.) and learned that a more detailed excavation volume calculation yielded an additional 1,750 cubic yards (yd^3) of soil to be exported to the Disposal Facility, for a total soil management volume of 4,750 cubic yards (yd^3).

MLK LLC proposes to dispose of approximately 4,750 cubic yards (yd^3) of excavated contaminated soil originating from the proposed Bader Philanthropies Inc. Headquarters location at 3300, 3306, 3314 and 3318 N. Martin Luther King Jr. Drive & 3317, 3323, and 3333 N. 4th Street, Milwaukee (Bader Headquarters). MLK LLC proposes to dispose of this material in accordance with Wis. Admin. Code § NR 718.12, which exempts the disposal site from solid waste requirements in Wis. Stats. § 289 and Wis. Admin. Code § NR 500 to 538.

According to the Request, 19 soil sample locations (including 14 for volatile organic compounds, 19 for polycyclic aromatic hydrocarbons (PAHs), 15 for RCRA metals, 4 for lead and mercury, 3 for water-leachable PAHs, and 2 for water-leachable RCRA metals) had been collected from the Source Property. Approximately 20 soil samples would be necessary to satisfy the requirements of Wis. Admin. Code § NR 718.12(1)(e)1. In consideration of the nature of the contaminants, the disposal destination, and the specified laboratory analytical analyses utilized to characterize the material, the DNR grants an exemption to the criteria in Wis. Admin. Code § NR 718.12(1)(e)1.

MLK LLC shall not dispose of more than 4,750 cubic yards (yd^3) of excavated soil from the Bader Headquarters site at Lakefield unless written approval is granted by DNR.

Please be aware that this approval letter only addresses the revised soil volume from 3,000 cubic yards (yd^3) to 4,750 cubic yards (yd^3) and the exemption to the characterization criteria in Wis. Admin. Code § NR 718.12(1)(e)1, based on the information provided in the Request. The requirements detailed in the May 12, 2017, approval letter from DNR are still applicable to site activities.

The DNR reserves the right to require the submittal of additional information or to modify or revoke this soil management approval if MLK LLC or Lakefield fails to comply with the requirements of the soil management plan, as proposed. The DNR also retains its right to modify or revoke this approval if circumstances or conditions change, or if new information is found which would warrant modification or revocation of this approval.

If you have any questions regarding this approval decision, please contact me in writing at the letterhead address, by calling 414-263-8524, or by email at trevor.nobile@wisconsin.gov.

Sincerely,

Trevor Nobile, P.G., CPG
Project Manager - Hydrogeologist
Remediation and Redevelopment Program

cc: Adam Roder, The Sigma Group, 1300 W. Canal St, Milwaukee, WI 53233 (electronic)
DNR SER File

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee WI 53212-3128

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May 12, 2017

Mr. Frank Cumberbatch
MLK LLC
c/o Bader Philanthropies, Inc.
233 N. Water Street, 4th Floor
Milwaukee, WI 53202

Mr. David Scherzer
SWP Properties, LLC
1300 W. Canal Street
Milwaukee, WI 53233

Subject: Approval for Management of Contaminated Soil under Wis. Admin. Code § NR 718.12

Generator Property:
Bader Philanthropies Headquarters – 3300, 3306, 3314, and 3318 N. MLK Jr. Drive & 3317, 3323, and 3333 N. 4th Street, Milwaukee, WI 53212
BRRTS # 02-41-578975 / FID # 341285010 (3318 N. MLK Jr. Drive)
BRRTS # 02-41-578976 / FID # 341285120 (3314 N. MLK Jr. Drive)
BRRTS # 02-41-578977 / FID # 341285230 (3300 N. MLK Jr. Drive)

Disposal Property:
Former Lakefield Sand and Gravel Property - 7003 W. Good Hope Rd., Milwaukee, WI
BRRTS # 02-41-548828 / FID # 241377070

Dear Mr. Cumberbatch and Mr. Scherzer:

On March 28, 2017, the Wisconsin Department of Natural Resources (DNR) received a *NR 718.12 Contaminated Soil Management Request* submitted by The Sigma Group (Sigma) to allow disposal of excavated contaminated soil at a location other than that from which it was excavated. The DNR received a $700 technical assistance fee to provide review and response to the request, in accordance with Wis. Admin. Code § NR 749.04(1). As part of the request, a technical assistance meeting was held at the DNR Southeast Region Headquarters in Milwaukee on April 6, 2017 with representatives from Sigma, Foley & Lardner LLP, MLK LLC c/o Bader Philanthropies, Inc. (MLK LLC), and DNR.

Summary of Proposed Soil Management Activities
MLK LLC proposes to dispose of approximately 3,000 cubic yards (yd^3) of excavated contaminated soil originating from the proposed Bader Philanthropies Inc. Headquarters location at 3300, 3306, 3314 and 3318 N. Martin Luther King Jr. Drive & 3317, 3323, and 3333 N. 4th Street, Milwaukee (Bader Headquarters). MLK LLC proposes to dispose of this material in accordance with Wis. Admin. Code § NR 718.12, which exempts the disposal site from solid waste requirements in Wis. Stats. § 289 and Wis. Admin. Code § NR 500 to 538. According to the request, the Bader Headquarters consists of the redevelopment of seven contiguous parcels (the parcels are in the process of being combined by a Certified Survey Map for the redevelopment), including the rehabilitation and addition to the existing structure at 3318 N. MLK Jr. Drive, the construction of a new asphalt parking lot, and the addition of green space areas.

Soil proposed for off-site disposal at the Former Lakefield Sand and Gravel Property (Lakefield) is contaminated with polycyclic aromatic hydrocarbons (PAHs) and RCRA metals. Soil placed at Lakefield will be incorporated into that site's remedial action plan, which includes capping the material with low permeability soil.

Information submitted to support the Wis. Admin. Code § NR 718.12 soil management request is included in the *NR 718.12 Contaminated Soil Management Request*, dated March 24, 2017, prepared by Sigma and sent to the attention of Mr. Trevor Nobile and Mr. Binyoti Amungwafor.

Location Standards: Wis. Admin. Code § NR 718.12 (1)(c)
Information provided in the soil management request indicates that the disposal site complies with the locational criteria of Wis. Admin. Code § NR 718.12 (1)(c) so that soil will not be placed or replaced in the following areas:

1. Within a floodplain.
4. Within 300 feet of any off-site water supply well.
5. Within 3 feet of the high groundwater level.
6. At a depth greater than the depth of the original excavation from which the contaminated soil was removed.
7. Where the contaminated soil poses a threat to public health, safety or welfare or the environment.

Grant of exemption to Wis. Admin. Code § NR 718.12(1)(c) 2 and 3
In consideration of the nature of the contaminants and the planned capping of the material, the DNR grants an exemption to the locational criteria of Wis. Admin. Code § NR 718.12 (1)(c)2 and Wis. Admin. Code § NR 718.12 (1)(c)3.

Soil Characterization
Soil proposed for excavation from the Bader Headquarters is contaminated with PAHs and RCRA metals. Samples have been collected for analysis of all contaminants previously detected or expected to be present based on past land use and from areas most likely to contain residual soil contamination at a frequency of one sample per 100 yd^3 for the first 600 yd^3 and one sample for each additional 300 yd^3 to be removed per Wis. Admin. Code § NR 718.12 (1)(e). The sampling criteria of Wis. Admin. Code § NR 718.12(1)(e) have been met.

Generator Site Information

Property Owner/Responsible Party:

- MLK LLC, c/o Bader Philanthropies, Inc., Mr. Frank Cumberbatch
  233 N. Water Street, 4th Floor, Milwaukee, WI 53202
  (414) 755-4377, frank@bader.org
- Generator Property Address: 3300, 3306, 3314, and 3318 N. Martin Luther King Jr. Drive & 3317, 3323, and 3333 N. 4th Street, Milwaukee, WI
- Location by quarter section: NW ¼ of SE ¼ of Section 8, Township 7 North, Range 22 East
- WTM: 689660, 291725
- Consultant: The Sigma Group, Inc., Mr. Adam Roder, 1300 W. Canal St., Milwaukee, WI 53233
  (414) 643-4134, aroder@thesigmagroup.com
- Volume of contaminated soil to be managed: 3,000 cubic yards.
- Proposed schedule for implementation of the soil management plan: The soil is to be moved as soon as possible.

Disposal Site Information

- Property Owner/Responsible Party: Former Lakefield Sand & Gravel Property
  SWP Properties, LLC, Mr. David Scherzer, 1300 W. Canal Street, Milwaukee, WI 53233
  (414) 643-4101, dscherzer@thesigmagroup.com
- Disposal Property Address: 7003 W. Good Hope Road, Milwaukee, WI
- location by quarter-quarter section: SE ¼ of the NW ¼ of Section 22 Range 21 E
- Latitude: 43.1432044; Longitude: -87.9968684
- Consultant: The Sigma Group, Inc., Ms. Kristin Kurzka, 1300 W. Canal Street, Milwaukee, WI 53233
  (414) 643-4127, kkurzka@thesigmagroup.com

Wis. Admin. Code § NR 718.12 Approval

Based on review of the above-referenced documents and the requirements of Wis. Admin. Code § NR 718.12, the DNR approves an exemption under Wis. Admin. Code § NR 718.12 to follow the soil management plan for disposal of up to 3,000 cubic yards of contaminated soil that will be excavated from the Bader Headquarters site to the Lakefield site location. Approval is conditioned upon compliance with the following:

- Soil excavation from the generating site and placement at the receiving site shall be completed within 1 year of the effective date of this letter unless a written extension of this condition is obtained from the DNR.

- MLK LLC (MLK LLC c/o Bader Philanthropies, Inc.) shall manage excavated material in conformance with the approved materials management plan and shall notify the DNR within 24 hours of discovering material that is not consistent with the contaminant characteristics that have been reported to the DNR for the generating site. The material must be segregated and tested to determine the proper disposal.

- MLK LLC (MLK LLC c/o Bader Philanthropies, Inc.) and/or Lakefield are responsible for obtaining any local, federal, or other applicable state permits to carry out the project. If the project will involve the disturbance of more than one acre of land at either the generating site or the disposal site, you may need a storm water permit; please contact the DNR's storm water manager to determine what, if any, permit is needed.

- MLK LLC (MLK LLC c/o Bader Philanthropies, Inc.) shall not dispose of more than 3,000 cubic yards of excavated soil from the Bader Headquarters site at Lakefield unless written approval is granted by DNR.

- MLK LLC (MLK LLC c/o Bader Philanthropies, Inc.) shall submit to the DNR, documentation of excavation and disposal activities within 30 days of completing the disposal activities. The report shall include a description of the total volume of material transported to the disposal site and the location of disposal.

The DNR reserves the right to require the submittal of additional information or to modify or revoke this soil management approval if MLK LLC (MLK LLC c/o Bader Philanthropies, Inc.) or Lakefield fails to comply with the requirements of the soil management plan, as proposed. The DNR also retains its right to modify or revoke this approval if circumstances or conditions change, or if new information is found which would warrant modification or revocation of this approval.

If you have any questions regarding this approval decision, please contact me in writing at the letterhead address, by calling 414-263-8524, or by email at trevor.nobile@wisconsin.gov.

Sincerely,

Trevor Nobile, P.G., CPG
Project Manager - Hydrogeologist
Remediation and Redevelopment Program

cc: Adam Roder, The Sigma Group, 1300 W. Canal St, Milwaukee, WI 53233 (electronic)
DNR SER File

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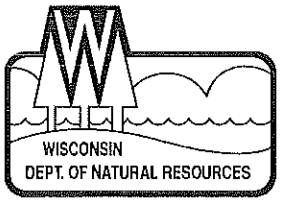


January 24, 2017

Mr. Wayne Wiertzema
Tosa Reef, LLC
1200 N. Mayfair Road, suite 310
Milwaukee, WI 53226

Mr. David Scherzer
SWP Properties, LLC
1300 W. Canal St.
Milwaukee, WI 53233

Subject: Approval for Management of Contaminated Soil under s. NR 718.12 Wis. Adm. Code
Generator property: Former Western Metal/The Reef, 1215 N. 62nd St., Wauwatosa, WI
BRRTS#02-41-532149 and #02-41-539928 FID#241033540

Disposal property: Former Lakefield Sand and Gravel, 7003 W. Good Hope Rd., Milwaukee, WI
BRRTS#: 02-41-548828 FID#241377070

Dear Mssrs. Wiertzema and Scherzer:

On December 14, 2016, Stephen Meer of The Sigma Group (Sigma) submitted the *Ch. NR 718.12 Soil Management Approval Request* to the Wisconsin Department of Natural Resources (DNR) for approval to allow disposal of excavated contaminated soil at a location other than that from which it was generated. The DNR is providing review and response to this request under the Voluntary Party Liability Exemption process.

Summary of proposed soil management activities

On September 18, 2015, DNR granted a ch. NR 718.12 Wis. Adm. Code approval for disposal of approximately 10,000 cubic yards of soil moved from the property at 1425 W. Layton Ave., Milwaukee, WI to The Reef for use as fill. The soil removed from the Layton Ave. property was originally placed on that property by WDOT and identified as "clean soil" associated with Interstate 94 roadwork. Thorough testing of the soil proposed for import to The Reef, conducted in compliance with the criteria of ch. NR 718.12(a)(e) Wis. Adm. Code, identified low level contamination. Subsequent to receiving DNR approval of the soil management plan, approximately 10,000 cubic yards of impacted soil from 1425 W. Layton Ave. was imported to The Reef and placed in accordance with the redevelopment grading plan. Material that could not be placed immediately upon import to The Reef was stockpiled, to be placed as the construction schedule allowed. Approximately 1,000 cubic yards of excess stockpiled material remains at The Reef which must be removed to allow completion of construction work. Sigma has requested approval under ch. NR 718.12 Wis. Adm. Code to allow disposal of this 1,000 cubic yards of soil at the Lakefield Sand and Gravel property. Soil placed at Lakefield Sand and Gravel will be incorporated into that site's remedial action plan which includes capping the material with low permeability soil.

Location standards: s. NR 718.12 (1)(c) Wis. Adm. Code

Information provided in the soil disposal request indicates that the disposal site complies with the locational criteria of Ch. NR 718.12 Wis. Adm. Code (1)(c) so that soil will not be placed or replaced in the following areas:

- Within a floodplain
- Within 100 feet of any on-site water supply well or 300 feet of any off-site water supply well
- Within 3 feet of the high groundwater level

- At a depth greater than the depth of the original excavation from which the contaminated soil was removed
- Where the contaminated soil poses a threat to public health, safety or welfare or the environment.

Grant of exemption to s. NR 718.12(1)(c)2. and 3.
In consideration of the relative insolubility of the contaminants, placement of the material 8 feet or more above the measured groundwater table and proposed capping of the material, the Department grants an exemption to the locational criteria of s. 718.12(1)(c) 2. and 3. and will allow placement of contaminated soil within 100 feet of a wetland and within 300 feet of a pond.

Soil Characterization -
Soil proposed for removal from 1215 N. 62nd St., Wauwatosa, WI for placement at Lakefield Sand and Gravel is contaminated with low level polyaromatic hydrocarbons. The sampling criteria of s. NR 718.12(1)(e) have been met.

The following information has been provided in the s. 718.12 Wis. Adm. Code request document:

Generator Site Information
Property Owner/Responsible Party:

- Tosa Reef, LLC
  Wayne Wiertzema, Member, 1200 N. Mayfair Rd., Suite 310, Milwaukee, WI 53226
- Volume of contaminated soil to be managed: 1,000 cubic yards
- Consultant: The Sigma Group, Inc., Stephen Meer, 1300 W. Canal St., Milwaukee, WI 53233

Disposal Site Information

- Property Owner/Responsible party: Former Lakefield Sand & Gravel Property
  SWP Properties, LLC
  Mr. David Scherzer, member, 1300 W. Canal St., Milwaukee, WI 53233
- Disposal Property Address: 7003 W. Good Hope Rd., Milwaukee, WI
- Location by quarter-quarter section: SE ¼ of the NW ¼ of Section 22 Range 21 E
- Latitude: 43.1432044; Longitude: -87.9968684
- WTM Coordinates: 682894, 298665
- Consultant: The Sigma Group, Inc., Kristin Kurzka, 1300 W. Canal St., Milwaukee, WI 53233

s. NR 718.12 Wis. Am. Code Approval
Based on review of the above-referenced documents and the requirements of s. NR 718.12 Wis. Adm. Code, the Department approves the soil management plan to allow disposal of up to 1,000 cubic yards of contaminated soil from the The Reef site to the Lakefield Sand and Gravel site location. Approval is conditioned upon compliance with the following:

- Soil removal from the generating site and placement at the receiving site shall be completed within six months from the effective date of this letter unless a written extension of this condition is obtained from the Department.

- Tosa Reef, LLC shall not dispose of more than 1,000 cubic yards of excavated soil from The Reef site at Lakefield Sand and Gravel unless written approval is granted by the DNR.

- Tosa Reef, LLC shall submit to the DNR, documentation of disposal activities within 30 days of completing the disposal activities.

The DNR reserves the right to require submittal of additional information or to modify or revoke this soil management approval if Tosa Reef LLC or SWP Properties, LLC fails to comply with the requirements of the soil management plan, as proposed. The DNR also retains its right to modify or revoke this approval if circumstances or conditions change, or if new information is found which would warrant modification or revocation of this approval.

If you have any questions regarding this approval decision, please contact me in writing at the letterhead address, by calling 414 263-8533 or email to nancy.ryan@wisconsin.gov

Sincerely,

Nancy D. Ryan, Hydrogeologist
Remediation and Redevelopment Program

cc: Stephen Meer, Sigma
Binyoti Amungwafor, DNR

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee WI 53212-3128

WISCONSIN
DEPT. OF NATURAL RESOURCES

January 19, 2016

Mr. Ryan Schultz
HSI-State St. LLC
18500 W. Corporate Drive, Suite 120
Brookfield, WI 53045

Mr. David Scherzer
SWP Properties, LLC
1300 W. Canal St.
Milwaukee, WI 53233

Subject: Approval for Management of Contaminated Soil under s. NR 718.12 Wis. Adm. Code
Generator property: 7400-7430 W. State St., Wauwatosa, WI
BRRTS#02-41-576601 FID#341261800

Disposal property: Lakefield Sand and Gravel – Former, 7003 W. Good Hope Rd., Milwaukee, WI
BRRTS#: 02-41-548828 FID#241377070

Dear Messrs. Schultz and Scherzer:

On November 9, 2015, Stephen Meer of Sigma submitted a request, Ch. NR 718.12 Soil Management Approval Request, to allow disposal of excavated contaminated soil at a location other than that from which it was excavated. The Wisconsin Department of Natural Resources (Department) received the $700 technical assistance fee for providing review and response, in accordance with s. NR 749.04(1), Wis. Adm. Code.

Summary of proposed soil management activities
Based on the proposed State Street Station redevelopment at the 7400-7430 W. State St. property, HSI-State St., LLC proposes to dispose of approximately 3,900 cubic yards (yd^3) of excavated contaminated soil originating from 7400-7430 W. State St. at the Former Lakefield Sand and Gravel (Lakefield) site. HSI-State St., LLC proposes to dispose of this material, in accordance with s. NR 718.12 Wis. Adm. Code which exempts the disposal site from solid waste requirements in ch. 289, Stats. and chs NR 500 to 538 Wis. Adm. Code. Redevelopment of the 7400-7430 W. State St. property includes the construction of two levels of below grade parking which will require excavation to depths of a minimum of 20 feet below current site grade. Soil/fill, described as Category B and C material, proposed for off-site disposal to the Former Lakefield is contaminated with low level polyaromatic hydrocarbons and RCRA metals. Soil placed at the Former Lakefield Sand and Gravel property will be incorporated into that site's remedial action plan which includes capping the material with low permeability soil.

Information submitted to support the s. NR 718.12 Wis. Adm. Code soil management request includes the November 6, 2016 *Ch. NR 718.12 Soil Management Approval Request* and a December 10, 2015 email, *Technical Assistance Request – State Street Station material to Lakefield Sand and Gravel*, Stephen Meer to Binyoti Amungwafor.

Location standards: s. NR 718.12 (1)(c) Wis. Adm. Code

Information provided in the soil disposal request indicates that the disposal site complies with the locational criteria of Ch. NR 718.12 Wis. Adm. Code (1)(c) so that soil will not be placed or replaced in the following areas::

- Within a floodplain
- Within 100 feet of any on-site water supply well or 300 feet of any off-site water supply well
- Within 3 feet of the high groundwater level
- At a depth greater than the depth of the original excavation from which the contaminated soil was removed
- Where the contaminated soil poses a threat to public health, safety or welfare or the environment.

Grant of exemption to s. NR 718.12(1)(c)2. and 3.
In consideration of the relative insolubility of the contaminants, placement of the material 8 feet or more above the measured groundwater table and proposed capping of the material, the Department grants an exemption to the location criteria of s. 718.12(1)(c) 2. and 3. and will allow placement of contaminated soil within 100 feet of a wetland and within 300 feet of a pond.

Soil Characterization -
Soil proposed for excavation from the 7400-7430 W. State St. is contaminated with PAHs and RCRA metals. The sampling criteria of s. NR 718.12(1)(e) have been met.

The following information has been provided in the s. 718.12 Wis. Adm. Code request document:

Generator Site Information
Property Owner/Responsible Party:

- HSI-State Street, LLC, Mr. Ryan Schultz, 18500 W. Corporate Drive, Suite 120, Brookfield, WI 53045.

Generator Property Address: 7400-7430 W. State St., Wauwatosa, WI

- Location by quarter section: SW ¼ of Section 22 Township 7 North Range 21 East
- WTM: 682468, 288230
- Volume of contaminated soil to be managed: 3,900 cubic yards
- Consultant: The Sigma Group, Inc., Stephen Meer, 1300 W. Canal St., Milwaukee, WI 53233
- Proposed material management plan

Disposal Site Information

- Property Owner/Responsible party: Former Lakefield Sand & Gravel Property, SWP Properties, LLC, Mr. David Scherzer, 1300 W. Canal St., Milwaukee, WI 53233
- Disposal Property Address: 7003 W. Good Hope Rd., Milwaukee, WI
- Location by quarter-quarter section: SE ¼ of the NW ¼ of Section 22 Range 21 E
- Latitude: 43.1432044; Longitude: -87.9968684
- Consultant: The Sigma Group, Inc., Kristin Kurzka, 1300 W. Canal St., Milwaukee, WI 53233

S. NR 718.12 Wis. Am. Code Approval
Based on review of the above-referenced documents and the requirements of s. NR 718.12 Wis. Adm. Code, the Department approves the soil management plan for disposal of up to 3,900 cubic yards of contaminated soil that will be excavated from the 7400-7430 W. State St. site to the Lakefield Sand and Gravel site location. Approval is conditioned upon compliance with the following:

- Soil excavation from the generating site and placement at the receiving site shall be completed within 1 year of the effective date of this letter unless a written extension of this condition is obtained from the Department.
- Generator shall manage excavated material in conformance with the approved materials management plan and shall notify the Department within 24 hours of discovering material that is not consistent with the contaminant characteristics that have been reported to the Department for the generating site. The material must be segregated and tested to determine the proper disposal.

- Generator shall not dispose of more than 3,900 cubic yards of excavated soil from the 7400-7430 W. State St. site at Lakefield unless written approval is granted by the Department.

- Generator shall submit to the Department, documentation of excavation and disposal activities within 30 days of completing the disposal activities. Report shall include description of total volume of material transported to disposal site, location of disposal and documentation of field work and confirmation (photos) that field screening of materials was accomplished by the appropriate separation of material categories.

The Department reserves the right to require the submittal of additional information or to modify or revoke this soil management approval if Generator or Disposal site owner fails to comply with the requirements of the soil management plan, as proposed. The Department also retains its right to modify or revoke this approval if circumstances or conditions change, or if new information is found which would warrant modification or revocation of this approval.

If you have any questions regarding this approval decision, please contact me in writing at the letterhead address, by calling 414 263-8607, or by email at Binyoti.Amungwafor@wisconsin.gov.

Sincerely,

Binyoti Amungwafor, Hydrogeologist
Remediation and Redevelopment Program

cc: Stephen Meer, Sigma
Case File

Stephen Meer

From: Amungwafor, Binyoti - DNR <Binyoti.Amungwafor@wisconsin.gov>
Sent: Tuesday, June 06, 2017 12:38 PM
To: Stephen Meer
Cc: Mylotta, Pamela A - DNR; Ryan, Nancy D - DNR; Michalets, Linda M - DNR
Subject: RE: Extension- Approval for Management of contaminated Soils under s. NR 718.12 Wis. adm. Code, 7400-7430 W. State Street, Wauwatosa, WI

Mr. Scherzer:
Your request dated April 13, 2017 has been extended from June 19, 2017 to December 19, 2017 to enable you accommodate Chase Bank occupancy of "the suites in the new building currently being constructed in Phase I of the redevelopment". Your Phase II work is scheduled to begin early to mid-summer of this year, 2017. It is recommended that you use, Recommended Format for Exemption Request Wis. Admin. Code § NR 718.12 or § 718.15 dated April 2017 for future similar projects and extension requests. You are being reminded that you have max-out the current extension request, therefore you should work diligently and cautiously to implement this extension as the start of winter is unpredictable.
Thanks
Binyoti

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Binyoti F. Amungwafor
Phone: [414) 263-8607
Binyoti.Aungwafor@Wisconsin.gov

From: Amungwafor, Binyoti - DNR
Sent: Wednesday, December 14, 2016 5:46 PM
To: Stephen Meer (smeer@thesigmagroup.com)
Cc: Mylotta, Pamela A - DNR; Ryan, Nancy D - DNR; Michalets, Linda M - DNR
Subject: Extension- Approval for Management of contaminated Soils under s. NR 718.12 Wis. adm. Code, 7400-7430 W. State Street, Wauwatosa, WI

Mr. Scherzer:

The subject was approved on January 19, 2016 with the below condition.

- Soil excavation from the generating site and placement at the receiving site shall be completed within 1 year of the effective date of this letter unless a written extension of this condition is obtained from the Department.

An extension is hereby granted to June 19, 2017.
Thanks

Binyoti Felix Amungwafor
Hydrogeologist
Remediation & Redevelopment Program
Wisconsin Department of Natural Resources
Southeast Region Headquarters
2300 N. Dr. Martin Luther king Jr. Dr.
Milwaukee, WI 53212
(☎) phone: 414-263-8607
(☎) fax: 414-263-8550
(✉) e-mail: Binyoti.Amungwafor@Wisconsin.gov

Web site: dnr.wi.gov
Find us on Facebook: www.facebook.com/WIDNR
We are committed to service excellence. Click here to evaluate how I did.

Attachment 2

C.W. Purpero Letter

September 7th, 2017

To: Kristin Kurska, P.E.

From: Phillip Purpero, P.E.

Re: Lakefield August 31st, 2017 Report

The following is a summary of the current status of the Lakefield site quantities as of 8/31/17:

- Portion of **site completed** to finish grade, capped, topsoiled, and seeded: **6acre** out of 15 acre total.
- **LHE** waste left to place on site: **22,000 CY** out of 180,000 CY total.
- **Cap** materials left to be placed on site: **29,000 CY** out of 48,000 CY total.
- **Topsoil** left to respread on site: **3,600 CY** out of 6,000 CY total.

Contact me with any questions.

Thank you

Attachment 3

Erosion Control Plan

GENERAL NOTES:

1. THE UNDERGROUND UTILITY INFORMATION SHOWN ON THIS DRAWING IS BASED ON FIELD LOCATIONS AND/OR RECORDS FURNISHED BY MUNICIPALITIES AND UTILITY COMPANIES. THE LOCATION AND ACCURACY OF WHICH CANNOT BE GUARANTEED. THERE MAY BE ADDITIONAL UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
2. VERIFY ACTUAL LOCATIONS AND INVERTS IN THE FIELD. ANY POTENTIAL ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. WORK TO BE COMPLETED IS INDICATED IN BOLD TYPE LINES AND EXISTING CONDITIONS ARE INDICATED BY LIGHT TYPE LINES.
4. ELECTRONIC CIVIL FILES ARE AVAILABLE UPON WRITTEN REQUEST. DO NOT USE ELECTRONIC CIVIL FILES TO LAYOUT FOUNDATIONS, COLUMN LINES, LIGHT POLES, OR OTHER NON CIVIL SITE WORK. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF BUILDING AND ARCHITECTURAL FEATURES.
5. SEE SHEET C400 FOR A COMPLETE LIST OF EROSION CONTROL NOTES AND DETAILS. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO START OF LAND DISTURBING ACTIVITIES.
6. DO NOT BEGIN LAND DISTURBING ACTIVITIES UNTIL AN EROSION CONTROL PERMIT IS OBTAINED FROM LOCAL JURISDICTION.

LEGEND:

- PROPOSED SILT FENCE (A/C400)
- PROPOSED TRACKING PAD (B/C400)
- PROPOSED EROSION MATTING WISDOT APPROVED CLASS 1 TYPE B (C/C400)

TOTAL DISTURBED AREA: 656,397 SF (15.1 AC)
TOTAL FILL VOLUME: 187,000 C.Y.

TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
WIS. STATUTE 182.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

MILW. AREA 259-1181

THE SIGMA GROUP
Single Source. Sound Solutions.
www.thesigmagroup.com
1300 West Canal Street
Milwaukee, WI 53233
Phone: 414-643-4200
Fax: 414-643-4210

LAKEFIELD SAND AND GRAVEL
7003 W. GOOD HOPE ROAD
MILWAUKEE, WISCONSIN

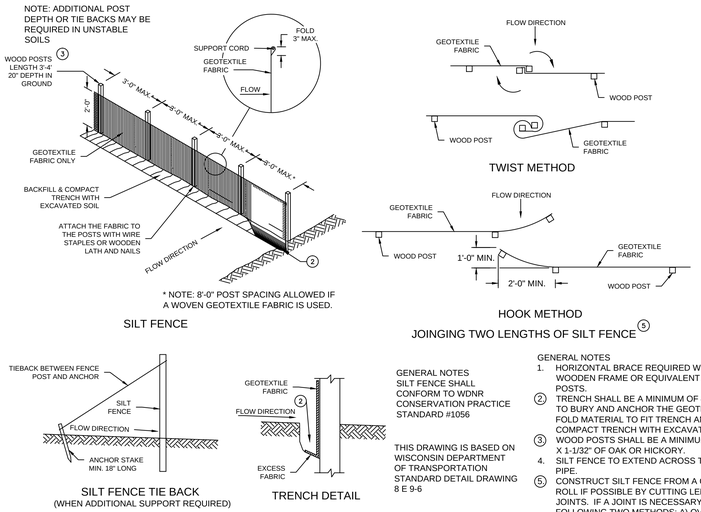
OVERALL GRADING AND EROSION CONTROL PLAN

NO.	REVISION	DATE	BY

DRAWING NO. 15177-Erosion.dwg
DRAWN BY:
DATE:
PROJECT NO:
CHECKED BY:
APPROVED BY:
SHEET NO.:

C 002

File: I:\SWP Properties LLC\15177 - Lakefield-Uhlein Soccer\060 CADC - Civil\500 Production - Civil Plans\509 - For Erosion Permit\15177-Erosion.dwg



* NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

TWIST METHOD

HOOK METHOD

JOINGING TWO LENGTHS OF SILT FENCE (5)

SILT FENCE TIE BACK
(WHEN ADDITIONAL SUPPORT REQUIRED)

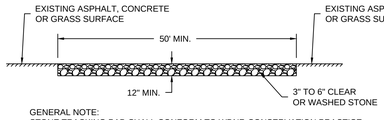
TRENCH DETAIL

GENERAL NOTES
SILT FENCE SHALL CONFORM TO WDNR CONSERVATION PRACTICE STANDARD #1056

THIS DRAWING IS BASED ON WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD DETAIL DRAWING 8 E 9-6

GENERAL NOTES
1. HORIZONTAL BRACE REQUIRED WITH 2"X4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1-1/32" X 1-1/32" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ON THE FOLLOWING TWO METHODS: A) OVERLAP THE END POSTS AND TWIST OR ROTATE, AT LEAST 180 DEGREES. B) HOOK THE END OF EACH SILT FENCE LENGTHS.

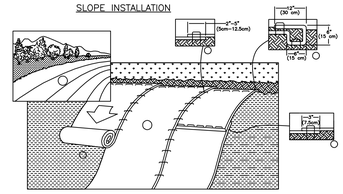
A SILT FENCE: WDNR TS-1056
NOT TO SCALE



GENERAL NOTE:
STONE TRACKING PAD SHALL CONFORM TO WDNR CONSERVATION PRACTICE STANDARD #1057

B CONSTRUCTION ENTRANCE/ EXIT DETAIL: WDNR TS-1057
NOT TO SCALE

SLOPE INSTALLATION



1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30 CM) OF RECP'S EXTENDE3D BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES / STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES / STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP'S
3. ROLL THE RECP'S (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES / STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES / STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2" - 5" (5 CM - 12.5 CM) OVERLAP DEPENDING ON RECP'S TYPE.
5. CONSECUTIVE RECP'S SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STLYE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP'S WIDTH. NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTH GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP'S.

NOTE:

1. EROSION MATTING SHALL CONFORM TO WDNR CONSERVATION PRACTICE STANDARD #1052.
2. INSTALL PER MANUFACTURERS SPECIFICATIONS.

C EROSION MATTING: WDNR TS-1052
NOT TO SCALE

EROSION CONTROL NOTES:

1. CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE LOCAL MUNICIPALITY AND SHALL EMPLOY EROSION CONTROL METHODS AS SHOWN AND SPECIFIED IN THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS.
2. ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
3. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE EVERY WEEK. MAINTENANCE OF ALL EROSION CONTROL STRUCTURES SHALL BE PROVIDED TO INSURE INTENDED PURPOSE IS ACCOMPLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP AND REMOVAL OF ALL SEDIMENT WHEN LEAVING PROPERTY. EROSION CONTROL MEASURES MUST BE IN WORKING CONDITION AT END OF EACH WORK DAY. DOCUMENT AND MAINTAIN RECORDS OF INSPECTIONS IN ACCORDANCE WITH WDNR NR216 REQUIREMENTS.
4. SILT FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE SILT FENCE WHEN DEPOSITS REACH A DEPTH OF 6 INCHES. THE SILT FENCE SHALL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN A BARRIER.
5. FILTER FABRIC SHALL BE INSTALLED BENEATH INLET COVERS TO TRAP SEDIMENT PER INLET PROTECTION DETAIL IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS.
6. EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL SITE IS FULLY STABILIZED.
7. PERIODIC STREET SWEEPING SHALL BE COMPLETED TO MAINTAIN ADJACENT STREETS FREE OF DUST AND DIRT.
8. SILT FENCE SHALL BE INSTALLED IN HORSESHOE FASHION AROUND ANY TOPSOIL AND FILL STOCKPILES.
9. SITE DEWATERING. WATER PUMPED FROM THE SITE SHALL BE TREATED BY SEDIMENT BASINS OR OTHER APPROPRIATE MEASURES SPECIFIED IN THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, ADJACENT SITES, OR RECEIVING CHANNELS.
10. WASTE AND MATERIAL DISPOSAL. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
11. TRACKING. EACH SITE SHALL HAVE GRAVELED ROADS, ACCESS DRIVES AND PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING, TO THE SATISFACTION OF THE MUNICIPALITY, BEFORE THE END OF EACH WORKDAY. FLUSHING MAY NOT BE USED UNLESS SEDIMENT WILL BE CONTROLLED BY A SEDIMENT BASIN OR PRACTICE SPECIFIED IN THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS. NOTIFY MUNICIPALITY OF ANY CHANGES IN STABILIZED CONSTRUCTION ENTRANCE LOCATION.
12. SEDIMENT CLEANUP. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORKDAY. ALL OTHER OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE CLEANED UP BY THE END OF THE WORKDAY.
13. SOIL OR DIRT STORAGE PILES SHALL BE LOCATED A MINIMUM OF TWENTY-FIVE FEET FROM ANY DOWNSLOPE ROAD, LAKE, STREAM, WETLAND, OR DRAINAGE CHANNEL. STRAW BALE OR FILTER FABRIC FENCES SHALL BE PLACED ON THE DOWN SLOPE SIDE OF THE PILES. IF REMAINING FOR MORE THAN THIRTY DAYS, PILES SHALL BE STABILIZED BY MULCHING, VEGETATIVE COVER, TARPS OR OTHER MEANS.
14. SEED AND STABILIZE ALL DISTURBED AREAS WITHIN 7 DAYS OF FINAL GRADING AND TOPSOIL PLACEMENT.
15. WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS, TEMPORARY PRACTICES, SUCH AS FILTER FABRIC FENCES, STRAW BALES, SEDIMENT AND SEDIMENT TRAPS, FOUND IN THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS SHALL BE REMOVED.
16. NOTIFY THE LOCAL MUNICIPALITY HAVING JURISDICTION WITHIN TWO WORKING DAYS OF COMMENCING ANY LAND DEVELOPMENT OR LAND DISTURBING ACTIVITY.
17. OBTAIN PERMISSION FROM THE LOCAL MUNICIPALITY HAVING JURISDICTION PRIOR TO MODIFYING THE EROSION CONTROL PLAN.
18. REPAIR ANY SILTATION OR EROSION DAMAGE TO ADJOINING SURFACES AND DRAINAGE WAYS RESULTING FROM LAND DEVELOPMENT OR LAND DISTURBING ACTIVITIES.
19. KEEP A COPY OF THE EROSION CONTROL PLAN ON SITE.
20. CONTRACTOR SHALL, TO THE EXTENT POSSIBLE, MINIMIZE DISTURBANCE OF EXISTING VEGETATION DURING CONSTRUCTION.
21. CONTRACTOR SHALL, TO THE EXTENT POSSIBLE, MINIMIZE COMPACTION OF TOPSOIL AND PRESERVE TOPSOIL IN GREENSPACE AREAS.
22. WASH WATER FROM VEHICLES AND WHEEL WASHING SHALL BE CONTAINED AND TREATED PRIOR TO DISCHARGE.
23. CONTRACTOR SHALL MAINTAIN SPILL KITS ON-SITE.
24. PERMANENT TURF SEEDING OF DISTURBED AREA MUST OCCUR PRIOR TO SEPTEMBER 15TH. IF ADEQUATE TIME IS NOT AVAILABLE TO APPLY PERMANENT SEEDING PRIOR TO SEPTEMBER 15, THEN DISTURBED AREAS SHALL BE TEMPORARILY SEEDED WITH AN ANNUAL RYE GRASS PER WDNR TECHNICAL STANDARD 1059, WHERE THE TEMPORARY SEEDING MUST OCCUR PRIOR TO OCTOBER 15TH.
25. IF TEMPORARY SEEDING IS NOT COMPLETED BY OCTOBER 15TH, APPLY SOIL STABILIZERS AND DORMANT SEED TO DISTURBED AREA PER WDNR TECHNICAL STANDARD 1050. INSPECT ANIONIC PAM APPLICATION AT A MINIMUM FREQUENCY OF EVERY TWO MONTHS AND REAPPLY AS NECESSARY.

CLAY CAP SPECIFICATIONS:

THE PROPOSED CLAY CAP SHALL MEET THE FOLLOWING SPECIFICATIONS:

REPRESENTATIVE SOIL SAMPLES OF THE PROPOSED CLAY CAP MATERIAL WILL BE ANALYZED BY ASTM D422 ["STANDARD TEST METHOD FOR PARTICLE-SIZE ANALYSIS OF SOILS"] TO DETERMINE THE SOIL GRAIN SIZE DISTRIBUTION CURVE BY SIEVE ANALYSIS AND HYDROMETER. BASED ON THE GRAIN SIZE DISTRIBUTION RESULTS, THE SOIL SAMPLES WILL THEN BE CLASSIFIED IN ACCORDANCE WITH ASTM D 2487 ("CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES (UNIFIED SOIL CLASSIFICATION SYSTEM)"] TO VALIDATE THAT THE SOURCE SOIL MATERIAL IS CLASSIFIED AS CLAY (USCS GROUP SYMBOL "CL").

SOIL SHALL MEET THE CRITERIA SET FORTH IN NR 504.06(2)(A)1 (MINIMUM OF 50% BY WEIGHT PASSES THE 200 SIEVE) FOR CLAY LANDFILL LINERS AND CAPS. BASED ON THE PERCENTAGE OF FINE GRAINED SOIL PARTICLES AND ANTICIPATED COMPACTION EFFORTS WITH HEAVY MACHINERY DURING THE PLACEMENT OF THE SOIL CAP, IT IS EXPECTED THAT A SATURATED HYDRAULIC CONDUCTIVITY OF APPROXIMATELY 1 X 10-7 CENTIMETERS PER SECOND WILL BE OBTAINED.

EARTHWORK SPECIFICATIONS:

1. EARTHWORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION AND IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
2. ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL VERIFY ALL GRADES, MAKE SURE ALL AREAS DRAIN PROPERLY, AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER.

THE SIGMA GROUP
Single Source. Sound Solutions.
www.thesigmagroup.com
1300 West Canal Street
Milwaukee, WI 53233
Phone: 414-643-4200
Fax: 414-643-4210

LAKEFIELD SAND AND GRAVEL
7003 W. GOOD HOPE ROAD
MILWAUKEE, WISCONSIN

DETAILS

NO. REVISION DATE BY

DRAWING NO. 15177 Erosion Details.dwg
DRAWN BY:
DATE:
PROJECT NO:
CHECKED BY:
APPROVED BY:
SHEET NO.:

C 400

File: I:\SWP Properties LLC\15177 - Lakefield-Uihlein Soccer\060 CADC - Civil\500 Production - Civil Plans\509 - For Erosion Permit\15177 Erosion Details.dwg

Attachment 4

WPDES General Permit No WI-S067831-04

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Southeast Region Headquarters
141 NW Barstow St., Room 180
Waukesha, WI 53188

Scott Walker, Governor
Cathy Stepp, Secretary
Eric Nitschke, Regional Director
Telephone (262) 574-2100
FAX (262) 574-2117
TDD () -

January 15, 2015

David Scherzer
SWP Properties, LLC
1300 W. Canal Street
Milwaukee WI 53233

SUBJECT: Coverage Under WPDES General Permit No. WI-S067831-04: Construction Site Storm Water Runoff

Permittee Name: Good Lad LLC/SWP Properties, LLC
Site Name: Lakefield Sand and Gravel
FIN: 46998

Dear Mr. Scherzer:

The Wisconsin Department of Natural Resources received your Water Resources Application for Project Permits or Notice of Intent, on January 13, 2015, for the Lakefield Sand and Gravel site and has evaluated the information provided regarding storm water discharges from your construction site. We have determined that your construction site activities will be regulated under ch. 283, Wis. Stats., ch. NR 216, Wis. Adm. Code, and in accordance with Wisconsin Pollutant Discharge Elimination System (WPDES) General Permit No. WI-S067831-04, Construction Site Storm Water Runoff. All erosion control and storm water management activities undertaken at the site must be done in accordance with the terms and conditions of the general permit.

The **Start Date** of permit coverage for this site is January 15, 2015. The maximum period of permit coverage for this site is limited to 3 years from the **Start Date**. Therefore, permit coverage automatically expires and terminates 3 years from the Start Date and storm water discharges are no longer authorized unless another Notice of Intent and application fee to retain coverage under this permit or a reissued version of this permit is submitted to the Department 14 working days prior to expiration.

A copy of the general permit along with extensive storm water information including technical standards, forms, guidance and other documents is accessible on the Department's storm water program Internet site. To obtain a copy of the general permit, please download it and the associated documents listed below from the following Department Internet site: **http://dnr.wi.gov/topic/stormwater/construction/forms.html**

- Construction Site Storm Water Runoff WPDES general permit No. WI-S067831-04
- Construction site inspection report form
- Notice of Termination form

If, for any reason, you are unable to access these documents over the Internet, please contact me and I will send them to you.

To ensure compliance with the general permit, please read it carefully and be sure you understand its contents. Please take special note of the following requirements (This is not a complete list of the terms and conditions of the general permit.):

1. The Construction Site Erosion Control Plan and Storm Water Management Plan that you completed prior to submitting your permit application must be implemented and maintained throughout construction. Failure to do so may result in enforcement action by the Department.

2. The general permit requires that erosion and sediment controls be routinely inspected at least every 7 days, and within 24 hours after a rainfall event of 0.5 inches or greater. Weekly written reports of all inspections must be maintained. The reports must contain the following information:

a. Date, time, and exact place of inspection;
b. Name(s) of individual(s) performing inspection;
c. An assessment of the condition of erosion and sediment controls;
d. A description of any erosion and sediment control implementation and maintenance performed;
e. A description of the site's present phase of construction.

3. A **Certificate of Permit Coverage** must be posted in a conspicuous place on the construction site. The Certificate of Permit Coverage (WDNR Publication # WT-813) is enclosed for your use.

4. When construction activities have ceased and the site has undergone final stabilization, a Notice of Termination (NOT) of coverage under the general permit must be submitted to the Department.

It is important that you read and understand the terms and conditions of the general permit because they have the force of law and apply to you. Your project may lose its permit coverage if you do not comply with its terms and conditions. The Department may also withdraw your project from coverage under the general permit and require that you obtain an individual WPDES permit instead, based on the Department's own motion, upon the filing of a written petition by any person, or upon your request.

If you believe that you have a right to challenge this decision to grant permit coverage, you should know that the Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. For judicial review of a decision pursuant to ss. 227.52 and 227.53, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review must name the Department of Natural Resources as the respondent.

To request a contested case hearing pursuant to s. 227.42, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. All requests for contested case hearings must be made in accordance with s. NR 2.05(5), Wis. Adm. Code, and served on the Secretary in accordance with s. NR 2.03, Wis. Adm. Code. The filing of a request for a contested case hearing is not a prerequisite for judicial review and does not extend the 30-day period for filing a petition for judicial review.

Thank you for your cooperation with the Construction Site Storm Water Discharge Permit Program. If you have any questions concerning the contents of this letter or the general permit, please contact Bryan Hartsook at (262) 574-2129.

Sincerely,

Thomas Petri
Stormwater Specialist
Southeast region

ENCLOSURE: Certificate of Permit Coverage

CERTIFICATE OF PERMIT COVERAGE

UNDER THE
WPDES CONSTRUCTION SITE STORM WATER RUNOFF PERMIT
Permit No. WI-S067831-04

Under s. NR 216.455(2), Wis. Adm. Code, landowners of construction sites with storm water discharges regulated by the Wisconsin Department of Natural Resources (WDNR) Storm Water Permit Program are required to post this certificate in a conspicuous place at the construction site. This certifies that the site has been granted WDNR storm water permit coverage. The landowner must implement and maintain erosion control practices to limit sediment-contaminated runoff to waters of the state in accordance with the permit.

EROSION CONTROL COMPLAINTS

should be reported to the WDNR Tip Line at

1-800-TIP-WDNR (1-800-847-9367)

Please provide the following information to the Tip Line:

WDNR Site No. (FIN): 46998

Site Name: Lakefield Sand and Gravel

Address/Location: 7003 W. Good Hope Road City of MILWAUKEE

Additional Information:

Landowner: Good Lad LLC/ SWP Properties, LLC

Landowner's Contact Person: David Scherzer

Contact Telephone Number: (414) 643-4200

Permit Start Date: January 15, 2015

By: _____

WDNR Publication # WT-813 (10/11)

Attachment 5

Inspection Reports

C.W. Purpero, Inc.
Safety Inspection Report

Date: 01/19/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 14 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 35° cloudy	
	Type of Inspection:	**Attachment(s)**
✓	Weekly Sweep entrance and roadways	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	

✓	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and	

✓	other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 01/23/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 16 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 37° and overcast some light rain over the past weekend Scheduled to work other contractor canceled no work today	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
✓	Precipitation Event Light rain over the weekend	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	

✓	2) Is the PERMIT certificate posted and visible ?	
✓	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
	12) Are good HOUSEKEEPING practices or treatment controls in	

✓	place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 01/30/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

Weekly inspection erosion control measures in good condition no work this week

INSPECTED ITEMS 14 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 22° and sunny	
	Type of Inspection:	**Attachment(s)**
✓	Weekly No work this week	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	

✓	2) Is the PERMIT certificate posted and visible ?	
✓	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product) No work	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at	

	outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 02/08/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

On site placing fill turned over tracking mat

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 23° overcast and breezy	
	Type of Inspection:	**Attachment(s)**
✓	Weekly Erosion control measures in good condition turned over tracking Mat	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	

✓	2) Is the PERMIT certificate posted and visible ?	
✓	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
	12) Are good HOUSEKEEPING practices or treatment controls in	

✓	place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 02/17/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

Placing fill and maintaining roadways

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 38° and sunny	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install) Cleaned inlet screens on roadway	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line) Scraped and swept roadway	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	

✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 02/24/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

33° and light rain no work day

INSPECTED ITEMS 14 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 33° with light rain	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
✓	Precipitation Event Light rain the past couple of days	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
N/A	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	

✓	2) Is the PERMIT certificate posted and visible ?	
✓	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install) Cleaned inlet screens	
N/A	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at	

	outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 03/03/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

Placing fill and maintaining roadways

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 24° sunny and breezy	
	Type of Inspection:	**Attachment(s)**
✓	Weekly Some light rain and light snow during this past week	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	

✓	2) Is the PERMIT certificate posted and visible ?	
✓	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace) Repaired some silt fence on the north and east and of sight	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at	

	outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 03/10/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

Place fill and maintain roadways

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 24° sunny and breezy	
	Type of Inspection:	**Attachment(s)**
✓	Weekly Maintain roadways and sweep	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	

✓	2) Is the PERMIT certificate posted and visible ?	
✓	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line) Maintain and sweep roadways	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at	

	outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 03/16/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

Light rain expected tomorrow placing fill and compacting for drainage

INSPECTED ITEMS 14 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 33° and sunny	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line) Sweeping and maintaining roadways	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
	12) Are good HOUSEKEEPING practices or treatment controls in	

✓	place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 03/24/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

Placed fill maintain roadways turned over tracking Mat this week

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 44° and overcast	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace) Turned over tracking mat	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install) Clean the inlet screens	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line) Maintained and swept roadways	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
	11) Are downstream CHANNELS and other downhill areas	

✓	protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 03/28/2017
Job: 1446: Lakefield Site Remediation
Recorder: VANALSTYNE_C: Craig Alstyne

Type: Project
Form: CW Purpero Erosion Control Inspection Form 2017

GENERAL COMMENTS

General .

INSPECTED ITEMS 12 ✓ 1 !

	Weather/Site Conditions:	Attachment(s)
N/A	Temp F / Last Rainfall Depth (Inches) / Date	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
N/A	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control plan on-site and accessible to operators?	
N/A	2) Is the permit certificate posted and visible?	
✓	3) Is the current phase of construction sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches? (Add sediment	

	control, missing ditch/pipe pond, stabilize bare soil)	
	**4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional condition? (Repair, modify, install/replace)** Areas around the site need silt fence repair and are being done today . Follow-up: STATUS: Corrected 04/17/2017 10:05:30 AM (CDT): Status changed from Issue Reported to Corrected:	
	5) Is inlet protection properly installed and functioning in all inlets likely to receive runoff from the site? (Clean, replace, install)	
	6) Is the air free of fugitive dust resulting from construction activity and bare soil exposure? (Apply water, apply dust control product)	
N/A	7) Is the public right of way curb line free of tracked soil and accumulation? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of sedimentation and turbid water leaving the site? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is dewatering and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
	10) Are soil stockpiles existing for more than 7 days covered and stabilized? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	

✓	11) Are downstream channels and other downhill areas protected from scour and erosion? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good housekeeping practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (Revise sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) temporarily stabilized? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade permanently vegetated or stabilized with other treatments? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been removed in areas of the site that meet the permit definition of 'final stabilization'? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 04/06/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

Repairing silt fence around entire site today

INSPECTED ITEMS 14 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 42° and clear	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace) Repairing perimeter silt fence where needed	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
N/A	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
	12) Are good HOUSEKEEPING practices or treatment controls in	

✓	place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 04/12/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

Non-workday topo cap

INSPECTED ITEMS 14 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 45° and sunny	
	Type of Inspection:	**Attachment(s)**
✓	Weekly Erosion control measures in good condition	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
✓	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	

✓	2) Is the PERMIT certificate posted and visible ?	
✓	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
N/A	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
N/A	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
	12) Are good HOUSEKEEPING practices or treatment controls in	

✓	place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 04/20/2017
Job: 1446: Lakefield Site Remediation
Recorder: VANALSTYNE_C: Craig Alstyne

Type: Project
Form: CW Purpero Erosion Control Inspection Form 2017

GENERAL COMMENTS

Lakefield 1446

INSPECTED ITEMS 14 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
✓	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
N/A	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control plan on-site and accessible to operators?	
N/A	2) Is the permit certificate posted and visible?	
✓	3) Is the current phase of construction sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches? (Add sediment	

	control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional condition? (Repair, modify, install/replace)	
✓	5) Is inlet protection properly installed and functioning in all inlets likely to receive runoff from the site? (Clean, replace, install)	
✓	6) Is the air free of fugitive dust resulting from construction activity and bare soil exposure? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of tracked soil and accumulation? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of sedimentation and turbid water leaving the site? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is dewatering and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil stockpiles existing for more than 7 days covered and stabilized? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream channels and other downhill areas protected from scour and erosion? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good housekeeping practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
	13) Is the plan reflective of current site operations and does it	

✓	address all erosion and sediment control issues identified during the inspection? (Revise sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) temporarily stabilized? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade permanently vegetated or stabilized with other treatments? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been removed in areas of the site that meet the permit definition of 'final stabilization'? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 04/26/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

Place fill and repair silt fence

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 60° sunny and breezy	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
✓	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace) Replaced 100 feet of silt fence on the north end of site	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install) Cleaned in with screens	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	

✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 05/01/2017
Job: 1446: Lakefield Site Remediation
Recorder: VANALSTYNE_C: Craig Alstyne

Type: Project
Form: CW Purpero Erosion Control Inspection Form 2017

GENERAL COMMENTS

Lakefield wet conditions after rain

INSPECTED ITEMS 14 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
✓	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
N/A	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control plan on-site and accessible to operators?	
N/A	2) Is the permit certificate posted and visible?	
✓	3) Is the current phase of construction sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches? (Add sediment	

	control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional condition? (Repair, modify, install/replace)	
N/A	5) Is inlet protection properly installed and functioning in all inlets likely to receive runoff from the site? (Clean, replace, install)	
✓	6) Is the air free of fugitive dust resulting from construction activity and bare soil exposure? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of tracked soil and accumulation? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of sedimentation and turbid water leaving the site? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is dewatering and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
✓	10) Are soil stockpiles existing for more than 7 days covered and stabilized? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream channels and other downhill areas protected from scour and erosion? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good housekeeping practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
	13) Is the plan reflective of current site operations and does it	

✓	address all erosion and sediment control issues identified during the inspection? (Revise sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) temporarily stabilized? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade permanently vegetated or stabilized with other treatments? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been removed in areas of the site that meet the permit definition of 'final stabilization'? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 05/09/2017
Job: 1446: Lakefield Site Remediation
Recorder: WOLTER_C: Craig Wolter

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 13 ✓ 1 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Start Time 8 am / End Time 11 am Cloudy 49 degrees	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
N/A	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including	

✓	installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil) General Fill and Grading	
!	**4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)** Perimeter Northwest side needs replacing Follow-up: STATUS: Corrected 09/11/2017 13:46:19 PM: Replaced 200 feet of silt fence - Craig Wolter 09/11/2017 13:46:16 PM: Status changed to Corrected - Craig Wolter	
N/A	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line) Good Condition	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
	9) Is DEWATERING and/or vehicle and equipment washing being	

N/A	done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 05/16/2017
Job: 1446: Lakefield Site Remediation
Recorder: WOLTER_C: Craig Wolter

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 14 ✓ 1 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Cloudy 72 Start Time 9 am / End Time 11 am	
	Type of Inspection:	**Attachment(s)**
N/A	Weekly	
✓	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
N/A	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including	

✓	installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil) General Fill and Grade	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace) Silt Fence Good	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
!	**7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)** Tracking Pad Compressed Follow-up: STATUS: Corrected 09/11/2017 14:02:56 PM: Turned Over Tracking Pad - Craig Wolter 09/11/2017 14:02:54 PM: Status changed to Corrected - Craig Wolter	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
	9) Is DEWATERING and/or vehicle and equipment washing being	

N/A	done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 05/26/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

Place fill and maintain roadways

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 54° with some light drizzle	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line) Maintaining and sweeping roadways	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
	12) Are good HOUSEKEEPING practices or treatment controls in	

✓	place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 05/31/2017
Job: 1446: Lakefield Site Remediation
Recorder: WOLTER_C: Craig Wolter

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Sunny 62 degrees Start Time 7am / End Time 10 am	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
N/A	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including	

✓	installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil) General Fill and Grading	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace) Silt Fence in Good Condition	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	

✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 06/06/2017
Job: 1446: Lakefield Site Remediation
Recorder: WOLTER_C: Craig Wolter

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 14 ✓ 1 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Overcast 68 degrees Start Time 11 am / End Time 2 pm	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
N/A	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including	

✓	installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil) General Fill and Grading	
!	**4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)** Sagging Silt Fence and holes in bottom of fence Follow-up: STATUS: Corrected 09/11/2017 14:43:35 PM: Stapled fence and repaired holes - Craig Wolter 09/11/2017 14:41:35 PM: Status changed to Corrected - Craig Wolter	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location,	

	modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 06/09/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

Place fill and maintain roadways

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 68° and partly cloudy	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
✓	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace) Minor repairs to silt fence on East and of sight	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
	12) Are good HOUSEKEEPING practices or treatment controls in	

✓	place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 06/14/2017
Job: 1446: Lakefield Site Remediation
Recorder: WOLTER_C: Craig Wolter

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 14 ✓ 1 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Sunny 80 degrees Start Time 8 am / End Time 11 am	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
N/A	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including	

✓	installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil) General fill and Grading	
!	**4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)** Sagging silt fence and 10 foot section down Follow-up: STATUS: Corrected 09/11/2017 14:49:40 PM: Stapled silt fence and replaced down 10 foot section - Craig Wolter 09/11/2017 14:49:39 PM: Status changed to Corrected - Craig Wolter	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location,	

	modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 06/23/2017
Job: 1446: Lakefield Site Remediation
Recorder: VANALSTYNE_C: Craig Alstyne

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form 6.2017

GENERAL COMMENTS

Lakefield

INSPECTED ITEMS 17 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Last night 1"	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
✓	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
N/A	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control plan on-site and accessible to operators?	
N/A	2) Is the permit certificate posted and visible?	
	3) Is the current phase of construction sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional condition? (Repair, modify, install/replace)	
✓	5) Is inlet protection properly installed and functioning in all inlets likely to receive runoff from the site? (Clean, replace, install)	
✓	6) Is the air free of fugitive dust resulting from construction activity and bare soil exposure? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of tracked soil and accumulation? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of sedimentation and turbid water leaving the site? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
✓	9) Is dewatering and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
✓	10) Are soil stockpiles existing for more than 7 days covered and stabilized? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream channels and other downhill areas protected from scour and erosion? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good housekeeping practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways? (Proper trash disposal, provide concrete	

	washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (Revise sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) temporarily stabilized? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade permanently vegetated or stabilized with other treatments? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been removed in areas of the site that meet the permit definition of 'final stabilization'? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 06/28/2017
Job: 1446: Lakefield Site Remediation
Recorder: VANALSTYNE_C: Craig Alstyne

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form 6.2017

GENERAL COMMENTS

Lakefield

INSPECTED ITEMS 13 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Some rain yesterday	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
✓	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control plan on-site and accessible to operators?	
N/A	2) Is the permit certificate posted and visible?	
	3) Is the current phase of construction sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional condition? (Repair, modify, install/replace)	
✓	5) Is inlet protection properly installed and functioning in all inlets likely to receive runoff from the site? (Clean, replace, install)	
✓	6) Is the air free of fugitive dust resulting from construction activity and bare soil exposure? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of tracked soil and accumulation? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of sedimentation and turbid water leaving the site? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is dewatering and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil stockpiles existing for more than 7 days covered and stabilized? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream channels and other downhill areas protected from scour and erosion? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good housekeeping practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways? (Proper trash disposal, provide concrete	

	washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (Revise sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) temporarily stabilized? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade permanently vegetated or stabilized with other treatments? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been removed in areas of the site that meet the permit definition of 'final stabilization'? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 07/07/2017
Job: 1446: Lakefield Site Remediation
Recorder: VANALSTYNE_C: Craig Alstyne

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form 6.2017

GENERAL COMMENTS

INSPECTED ITEMS 13 0

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Last night little rain	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
N/A	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control plan on-site and accessible to operators?	
N/A	2) Is the permit certificate posted and visible?	
	3) Is the current phase of construction sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional condition? (Repair, modify, install/replace)	
✓	5) Is inlet protection properly installed and functioning in all inlets likely to receive runoff from the site? (Clean, replace, install)	
✓	6) Is the air free of fugitive dust resulting from construction activity and bare soil exposure? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of tracked soil and accumulation? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of sedimentation and turbid water leaving the site? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is dewatering and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil stockpiles existing for more than 7 days covered and stabilized? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream channels and other downhill areas protected from scour and erosion? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good housekeeping practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways? (Proper trash disposal, provide concrete	

	washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (Revise sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) temporarily stabilized? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade permanently vegetated or stabilized with other treatments? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been removed in areas of the site that meet the permit definition of 'final stabilization'? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 07/12/2017
Job: 1446: Lakefield Site Remediation
Recorder: VANALSTYNE_C: Craig Alstyne

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form 6.2017

GENERAL COMMENTS

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Heavy rain last night into the morning 1pm now	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
✓	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
N/A	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control plan on-site and accessible to operators?	
N/A	2) Is the permit certificate posted and visible?	
	3) Is the current phase of construction sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional condition? (Repair, modify, install/replace)	
✓	5) Is inlet protection properly installed and functioning in all inlets likely to receive runoff from the site? (Clean, replace, install)	
✓	6) Is the air free of fugitive dust resulting from construction activity and bare soil exposure? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of tracked soil and accumulation? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of sedimentation and turbid water leaving the site? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
✓	9) Is dewatering and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil stockpiles existing for more than 7 days covered and stabilized? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream channels and other downhill areas protected from scour and erosion? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good housekeeping practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways? (Proper trash disposal, provide concrete	

	washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (Revise sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) temporarily stabilized? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade permanently vegetated or stabilized with other treatments? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been removed in areas of the site that meet the permit definition of 'final stabilization'? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 07/21/2017
Job: 1446: Lakefield Site Remediation
Recorder: WOLTER_C: Craig Wolter

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Cloudy 80 degrees Start Time 10 am / End Time 11:30 am	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
N/A	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including	

✓	installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil) Active	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and	

✓	other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 07/27/2017
Job: 1446: Lakefield Site Remediation
Recorder: VANALSTYNE_C: Craig Alstyne

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 13 ✓ 3 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Rain last night	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
✓	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
N/A	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
N/A	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
!	**4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)** Fence along north side needs to be removed and replaced after cap is put in Follow-up: STATUS: Issue Reported	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
✓	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
✓	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	

	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention) North side needs to be finished and stabilized heavy rain puts runoff into soccer fields Follow-up: STATUS: Issue Reported	
	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP) The plan does not have proper Swales designed to take all of the runoff water draining towards the soccer fields Follow-up: STATUS: Issue Reported	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove	

	temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 08/04/2017
Job: 1446: Lakefield Site Remediation
Recorder: VANALSTYNE_C: Craig Alstyne

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 16 ✓ 1 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Rain last night	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
✓	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
N/A	Dry	
N/A	Variable	
✓	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
N/A	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
!	**4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)** Follow-up: STATUS: Issue Reported 08/04/2017 15:53:25 PM: Silt fence along soccer fields removed and seed and matting installed with silt logs - Craig Van Alstyne	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
✓	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	

✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
✓	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 08/10/2017
Job: 1446: Lakefield Site Remediation
Recorder: WOLTER_C: Craig Wolter

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 14 ✓ 1 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Cloudy 70 degrees Start Time 8 am / End Time 9 am	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
N/A	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including	

✓	installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil) Active	
!	**4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)** East end silt fence sagging Follow-up: STATUS: Corrected 09/11/2017 15:00:08 PM: Tied up silt fence - Craig Wolter 09/11/2017 15:00:05 PM: Status changed to Corrected - Craig Wolter	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	

N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 08/15/2017
Job: 1446: Lakefield Site Remediation
Recorder: VANALSTYNE_C: Craig Alstyne

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 12 0

	Weather/Site Conditions:	Attachment(s)
N/A	Temp F / Last Rainfall Depth (Inches) / Date	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
N/A	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
N/A	1) Is the erosion control PLAN on-site and accessible to operators ?	
N/A	2) Is the PERMIT certificate posted and visible ?	
✓	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	

✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
	13) Is the plan reflective of current site operations and does it	

✓	address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
N/A	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
✓	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 08/22/2017
Job: 1446: Lakefield Site Remediation
Recorder: WOLTER_C: Craig Wolter

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Cloudy 78 degrees Start Time 12 pm / End Time 1 pm	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
N/A	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including	

✓	installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil) Active	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and	

✓	other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 08/30/2017
Job: 1446: Lakefield Site Remediation
Recorder: WOLTER_C: Craig Wolter

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 14 ✓ 1 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date Sunny 72 degrees Start Time 9 am / End Time 10 am	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
N/A	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-specific erosion and sediment control plan, including	

✓	installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil) Active	
!	**4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)** East side of site holes on silt fence Follow-up: STATUS: Corrected 09/11/2017 15:12:01 PM: Repaired holes in silt fence - Craig Wolter 09/11/2017 15:11:56 PM: Status changed to Corrected - Craig Wolter	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
✓	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location,	

	modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
✓	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting)	
N/A	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base)	
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

SIGNATURES

C.W. Purpero, Inc.
Safety Inspection Report

Date: 09/07/2017
Job: 1446: Lakefield Site Remediation
Recorder: GILANE_T: Tom Gilane

Type: Environmental - Erosion Control Inspection
Form: CW Purpero Erosion Control Inspection Form (July 2017)

GENERAL COMMENTS

INSPECTED ITEMS 15 ✓ 0 !

	Weather/Site Conditions:	Attachment(s)
✓	Temp F / Last Rainfall Depth (Inches) / Date 8:00 AM 50° overcast	
	Type of Inspection:	**Attachment(s)**
✓	Weekly	
N/A	Precipitation Event	
N/A	Other (specify):	
	Soil Moisture	**Attachment(s)**
✓	Dry	
✓	Variable	
N/A	Wet	
N/A	Frozen or Snow covered	
N/A	Frozen (Thaw predicted in next week)	
N/A	Melting Snow/Slush	
	Inspection Questions: (For every "NO" please complete the follow-up information in notes)	**Attachment(s)**
✓	1) Is the erosion control PLAN on-site and accessible to operators ?	
✓	2) Is the PERMIT certificate posted and visible ?	
	3) Is the current PHASE of construction in sequence with the site-	

✓	specific erosion and sediment control plan, including installation/stabilization of ponds and ditches ? (Add sediment control, missing ditch/pipe pond, stabilize bare soil)	
✓	4) Are all erosion and sediment control BMPs shown on plan properly installed and in functional CONDITION ? (Repair, modify, install/replace)	
✓	5) Is inlet PROTECTION properly installed and functioning in all inlets likely to receive runoff from the site ? (Clean, replace, install)	
✓	6) Is the air free of fugitive DUST resulting from construction activity and bare soil exposure ? (Apply water, apply dust control product)	
✓	7) Is the public right of way curb line free of TRACKED SOIL and accumulation ? (Improve track pad, install wheel wash station, close entrance/exit, limit traffice across disturbed areas, sweep road/curb line)	
N/A	8) Are wetlands, lakes, streams, ditches, or storm sewers downstream of the site free of SEDIMENTATION and turbid water leaving the site ? (Repair/replace erosion control, add sediment control, modify operations, contact DNR to verify extent of clean up required)	
N/A	9) Is DEWATERING and/or vehicle and equipment washing being done in a manner that prevents erosion and sediment discharge ? (Treatment train, energy dissipation, modify discharge location, modify intake to reduce sediment)	
N/A	10) Are soil STOCKPILES existing for more than 7 days covered and stabilized ? (Seed, install mat/mulch/polymer, tarp cover/plastic sheeting)	
N/A	11) Are downstream CHANNELS and other downhill areas protected from scour and erosion ? (Install energy dissipation at outfall, ditch checks, slope interruption, onsite detention)	
✓	12) Are good HOUSEKEEPING practices or treatment controls in place to prevent the discharge of chemicals, cement, trash, and other materials into wetlands, waterways, storm sewers, ditches	

	or drainage ways ? (Proper trash disposal, provide concrete washout station, contact DNR to verify extent of cleanup required)	
✓	13) Is the plan reflective of current site operations and does it address all erosion and sediment control issues identified during the inspection? (REVISE sequence, sediment control BMP, erosion control BMP, post-construction storm water BMP)	
✓	14) Are all areas where construction has temporarily ceased (and will not resume for more than 2 weeks) TEMPORARILY STABILIZED? (Topsoil & seed, mat/mulch/polymet, cover with tarp/plastic sheeting) Start of permanent seeding east end of sight	photo-1504788053-2.jpg photo-1504788053-1.jpg
✓	15) Are all areas at final grade PERMANENTLY VEGETATED egetated or stabilized with other treatments ? (Topsoil & seed, install mat/mulch/polymer, sod, install stone base) Start of permanent seating with matting	photo-1504788271-1.jpg
N/A	16) Have temporary sediment controls been REMOVED in areas of the site that meet the permit definition of 'final stabilization ? (Water to establish vegetation, repair or reseed areas, remove temporary practices)	

ATTACHMENTS

photo-1504788053-2.jpg

photo-1504788053-1.jpg

photo-1504788271-1.jpg

SIGNATURES

Attachment 6

Photos


PRIVATE
PROPERTY