

**From:** Lumley, Lisa - DOT  
**Sent:** Monday, May 9, 2022 12:10 PM  
**To:** Schmenk, Colin R -DNR  
**Cc:** Sommerfeld, Mae M - DOT  
**Subject:** FW: Phase 2.5 Work Plan 6230-20-00, WIS 54, Outagamie County  
**Attachments:** WisDOT 6230-20-00 Seymour - STPS.docx

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Hi Colin,

Please review the special provisions for project 6230-20-00, WIS 54, Seymour, Outagamie County. Let me know if you have comments or concerns. I will wait for your concurrence before proceeding.

## **Lisa Lumley**

Environmental Analysis and Review Specialist  
Wisconsin Department of Transportation  
Northeast Region  
(920) 360-6684  
[wisconsindot.gov](http://wisconsindot.gov)

If this is related to a records request, please email: [dotdtsdnerecords@dot.wi.gov](mailto:dotdtsdnerecords@dot.wi.gov)

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**From:** Paul Raymaker <[praymaker@baywest.com](mailto:praymaker@baywest.com)>  
**Sent:** Thursday, May 5, 2022 11:57 AM  
**To:** Sommerfeld, Mae M - DOT <[mae.sommerfeld@dot.wi.gov](mailto:mae.sommerfeld@dot.wi.gov)>  
**Cc:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>; Lumley, Lisa - DOT <[lisa.lumley@dot.wi.gov](mailto:lisa.lumley@dot.wi.gov)>; Tarek Aboueid <[taboueid@BAYWEST.com](mailto:taboueid@BAYWEST.com)>  
**Subject:** RE: Phase 2.5 Work Plan 6230-20-00, WIS 54, Outagamie County

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Hi Mae-

Attached are the special provisions for Project 6230-20-00 in Seymour that was revised based on your comments. Take a look and let me know if you have any questions or additional revisions. I've also attached the special provisions for Project 6517-15-30 in Shiocton that has your revisions integrated into

the document as applicable; however, let me know if I need to send those special provisions to a different group in a separate project specific email.

Thanks,

## **Paul Raymaker, P.G.**

### **Project Manager**

direct: 651-291-3411 | cell: 651-785-5618

24-hr Emergency: 1-800-279-0456



[www.baywest.com](http://www.baywest.com)

---

**From:** Sommerfeld, Mae M - DOT <[mae.sommerfeld@dot.wi.gov](mailto:mae.sommerfeld@dot.wi.gov)>  
**Sent:** Monday, April 11, 2022 3:13 PM  
**To:** Paul Raymaker <[praymaker@baywest.com](mailto:praymaker@baywest.com)>  
**Cc:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>; Lumley, Lisa - DOT <[lisa.lumley@dot.wi.gov](mailto:lisa.lumley@dot.wi.gov)>  
**Subject:** RE: Phase 2.5 Work Plan 6230-20-00, WIS 54, Outagamie County

Hi Paul,

Attached are comments for STPS. After these changes are made and we are happy with the adjustments we will send to DNR for concurrence.

For the stockpiling comment, below is example language from a previous project.

When material is encountered outside the above-identified limits of known contamination that appears to have been impacted with petroleum or chemical products, or when other obvious potentially contaminated materials are encountered or material exhibits characteristics of industrial-type wastes, such as fly ash, foundry sand, and cinders, or when underground storage tanks are encountered, suspend excavation in that area and notify the engineer.

Some material may require additional characterization prior to disposal. Provide for the temporary stockpiling of up to XX cubic yards of contaminated soil on-site that require additional characterization. Construct and maintain a temporary stockpile of the material according to NR 718.05(3), including, but not limited to, placement of the contaminated soil/fill material on an impervious surface and covering the stockpile with impervious material to prevent infiltration of precipitation. The environmental consultant will collect representative samples of the stockpiled material, laboratory-analyze the samples, and advise the contractor, within XX business days of the construction of the stockpile, of disposal requirements. The stockpiled material shall be disposed either at the WDNR-licensed disposal facility by the contractor or, if characterized as hazardous waste, by the department. As an alternative to temporarily stockpiling contaminated soil/fill material that requires additional characterization, the contractor has the option to suspend excavation in those areas, as stated above.

As far as the contaminated water, we didn't see any language addressing that in the STPS, there is a comment about it now in there. I wanted to ask if any coordination has been done with the municipality to see if we could dewater into their waste water treatment facility?

Thanks,

**Mae Sommerfeld**

Regional Environmental Coordinator  
Department of Transportation  
Northeast Region  
Email: [Mae.sommerfeld@dot.wi.gov](mailto:Mae.sommerfeld@dot.wi.gov)

---

**From:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Sent:** Wednesday, March 16, 2022 8:44 AM  
**To:** Sommerfeld, Mae M - DOT <[mae.sommerfeld@dot.wi.gov](mailto:mae.sommerfeld@dot.wi.gov)>; Lumley, Lisa - DOT <[lisa.lumley@dot.wi.gov](mailto:lisa.lumley@dot.wi.gov)>  
**Subject:** FW: Phase 2.5 Work Plan 6230-20-00, WIS 54, Outagamie County

Are one of you comfortable working with Jesse to make sure everything we need is here? Just a note that after we're good with them, they should be sent to our DNR R&R LTE (would be Colin now) for concurrence.

Let me know if you have any questions.

Thanks,

Kathie

---

**From:** Paul Raymaker <[praymaker@baywest.com](mailto:praymaker@baywest.com)>  
**Sent:** Monday, March 14, 2022 1:17 PM  
**To:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>; Mark Gretebeck <[mgretebeck@BAYWEST.com](mailto:mgretebeck@BAYWEST.com)>  
**Cc:** Lumley, Lisa - DOT <[lisa.lumley@dot.wi.gov](mailto:lisa.lumley@dot.wi.gov)>; Sommerfeld, Mae M - DOT <[mae.sommerfeld@dot.wi.gov](mailto:mae.sommerfeld@dot.wi.gov)>; Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Subject:** RE: Phase 2.5 Work Plan 6230-20-00, WIS 54, Outagamie County

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Hi Kathie-

Attached are the special provisions for WIS 54 project (6230-20-00) for your review. Let me know if you have any changes or if you think any other special provision text blocks are required for this work.

**Paul Raymaker, PG**

Project Manager/Geologist

Direct: 651-291-3411 Cell: 651-785-5618

[praymaker@baywest.com](mailto:praymaker@baywest.com)

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24-hrs: 1-800-279-0456

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**From:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>

**Sent:** Monday, February 7, 2022 12:48 PM

**To:** Paul Raymaker <[praymaker@baywest.com](mailto:praymaker@baywest.com)>; Mark Gretebeck <[mgretebeck@BAYWEST.com](mailto:mgretebeck@BAYWEST.com)>

**Cc:** Lumley, Lisa - DOT <[lisa.lumley@dot.wi.gov](mailto:lisa.lumley@dot.wi.gov)>; Sommerfeld, Mae M - DOT

<[mae.sommerfeld@dot.wi.gov](mailto:mae.sommerfeld@dot.wi.gov)>; Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>

**Subject:** FW: Phase 2.5 Work Plan 6230-20-00, WIS 54, Outagamie County

Hi, Paul and Mark

The e-mail below contains a link to the updated plans for the WIS 54 project (6230-20-00) in Outagamie County.

If you have any questions, feel free to reach out to Lisa, or Mae, or Jesse. I can also assist as needed.

Thank you,

Kathie

---

**From:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>

**Sent:** Monday, February 07, 2022 11:11 AM

**To:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>

**Cc:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>

**Subject:** RE: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Good morning Kathie,

Please see link below for the latest plan set for STH 54 project 6230-20-00.

<https://wisdot.box.com/s/fga6qfoarbxky2zvcxls7poghz9bhs9b>

Sincerely,

Jesse

**Jesse Hansen, P.E.**

Wisconsin Department of Transportation

Northeast Region

Phone: (920) 492-5630

[wisconsin.gov](http://wisconsin.gov)

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---

**From:** Hansen, Jesse J - DOT  
**Sent:** Wednesday, December 15, 2021 3:47 PM  
**To:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Cc:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Subject:** RE: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Kathie,

Thank you for the follow up.

Please see link below for project 6517-15-30:

<https://wisdot.box.com/s/vsartqldmnrw8r8wn8jyhf073gya4wq2>

As for project 6230-20-00, I should be getting an update plans in the middle of January. I think it would be best to wait for those more detailed plans.

Sincerely,  
Jesse

**Jesse Hansen, P.E.**

Wisconsin Department of Transportation  
Northeast Region  
Phone: (920) 492-5630  
[wisconsin.gov](http://wisconsin.gov)

If this is related to a records request, please email: [dotdtsdnerecords@dot.wi.gov](mailto:dotdtsdnerecords@dot.wi.gov)

---

**From:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Sent:** Monday, December 13, 2021 7:59 AM  
**To:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Subject:** FW: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Nudging this or I'm afraid it will fall off my radar. I apologize if you've sent and I overlooked, but can you please send a link to the current plans for 6517-15-30 and 6230-20-00?

Thank you!  
Kathie

---

**From:** VanPrice, Kathie - DOT  
**Sent:** Tuesday, December 07, 2021 5:18 PM  
**To:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Subject:** RE: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Sounds good. Can you please send me a link to the current plans for each project?

---

**From:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Sent:** Tuesday, December 07, 2021 3:23 PM  
**To:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Cc:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Subject:** RE: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Thank you Kathie, I do not see any tweaks being needs to either project.

Sincerely,  
Jesse

**Jesse Hansen, P.E.**  
Wisconsin Department of Transportation  
Northeast Region  
Phone: (920) 492-5630  
[wisconsindot.gov](http://wisconsindot.gov)

If this is related to a records request, please email: [dotdtsdnerecords@dot.wi.gov](mailto:dotdtsdnerecords@dot.wi.gov)

---

**From:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Sent:** Tuesday, December 07, 2021 2:03 PM  
**To:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Subject:** RE: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Usually storm sewer (and any other potential utility) are the outstanding items. Most other changes typically are not so substantial that they would affect the language.

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**From:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Sent:** Tuesday, December 07, 2021 1:28 PM  
**To:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Cc:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Subject:** RE: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Good morning Kathie,

Both designs are fairly set, what design tweaks would require changes to the Special Provisions? I was trying to think of possible changes that may effect this and could not think of any. Added work or things like that I do not see happening at this point.

Sincerely,  
Jesse

**Jesse Hansen, P.E.**  
Wisconsin Department of Transportation  
Northeast Region  
Phone: (920) 492-5630

[wisconsindot.gov](http://wisconsindot.gov)

If this is related to a records request, please email: [dotdtsdnerecords@dot.wi.gov](mailto:dotdtsdnerecords@dot.wi.gov)

---

**From:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Sent:** Thursday, December 02, 2021 11:37 AM  
**To:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Subject:** RE: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Hi, Jesse.

I reached out to Bay West. Typically preparation of the special provisions is included in the phase 2.5 effort, but Bay West is new to our hazmat contract. I assumed they did not include it in their scope of work and that I had overlooked this when I reviewed. Paul (Bay West) clarified that they did intend to provide the special provisions; however, they assumed these would be provided later in the design process and then appended to the Ph 2.5 report.

So, good news is, the existing work order will cover this effort. If we're comfortable with the design, I'll ask Bay West to move forward with drafting the special provisions. If we think there will still be tweaks, we can hold until later. Pertains to both projects.

Let me know how you'd like to proceed. Thanks, and sorry for any confusion I caused.

Kathie

---

**From:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Sent:** Thursday, December 02, 2021 9:01 AM  
**To:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Cc:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Subject:** RE: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Thank you Kathie and that does sounds good to me.

There are 2 different consultant design teams, I have not heard back from the 54 project team yet but I know it is not in their contract either as I looked at both of them this morning. I was going to wait and see with what they responded with.

Sincerely,  
Jesse

**Jesse Hansen, P.E.**  
Wisconsin Department of Transportation  
Northeast Region  
Phone: (920) 492-5630  
[wisconsindot.gov](http://wisconsindot.gov)

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---

**From:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Sent:** Thursday, December 02, 2021 8:54 AM  
**To:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Subject:** RE: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Yes, I will reach out to Bay West to see if they have enough budget in their existing work order. If not, I'll ask them to put together a change order and/or scope a small new work order.  
Does this sound OK for you? And does this pertain to both projects or just the one listed here?  
Thanks,  
Kathie

---

**From:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Sent:** Thursday, December 02, 2021 8:47 AM  
**To:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Cc:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Subject:** FW: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Good morning Kathie,

The design consultant is asking for the hazmat special provisions as it is not in their design contract and I would prefer not to add it. Can we have Bay West complete the special provisions?

Sincerely,  
Jesse

**Jesse Hansen, P.E.**  
Wisconsin Department of Transportation  
Northeast Region  
Phone: (920) 492-5630  
[wisconsindot.gov](http://wisconsindot.gov)

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---

**From:** Hanson, Eric <[Eric.Hanson@strand.com](mailto:Eric.Hanson@strand.com)>  
**Sent:** Thursday, December 02, 2021 8:11 AM  
**To:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Cc:** Rosenthal, Brian <[brian.rosenthal@strand.com](mailto:brian.rosenthal@strand.com)>  
**Subject:** RE: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI



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Good morning Jesse,

Thank you for passing along the Phase 2.5 report for STH 76 - ID 6517-15-30. I noticed the text about the project team potentially preparing the special provisions. We would ask that the consultant that completed the investigation/Phase 2.5 report prepare the applicable special provision as they are the ones who did the investigation. (The special provision(s) is a typical requirement of a Phase 2.5 Report per the FDM. )

Also, We Energies had requested the report once it was completed. Is it okay for us to forward the report to them?

Thank you,

Eric



**Eric Hanson, P.E.**

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**From:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>

**Sent:** Wednesday, December 1, 2021 6:54 AM

**To:** Hanson, Eric <[Eric.Hanson@strand.com](mailto:Eric.Hanson@strand.com)>

**Cc:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>

**Subject:** FW: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

**[EXTERNAL EMAIL]:** Verify sender before opening links or attachments.

Good morning Eric,

Please see email below for Hazmat report.

Sincerely,

Jesse

**Jesse Hansen, P.E.**

Wisconsin Department of Transportation  
Northeast Region  
Phone: (920) 492-5630  
[wisconsin.dot.gov](http://wisconsin.dot.gov)

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---

**From:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Sent:** Wednesday, December 01, 2021 6:25 AM  
**To:** Hansen, Jesse J - DOT <[Jesse.Hansen@dot.wi.gov](mailto:Jesse.Hansen@dot.wi.gov)>  
**Cc:** Rank, Tim R - DOT <[Tim.Rank@dot.wi.gov](mailto:Tim.Rank@dot.wi.gov)>  
**Subject:** FW: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Hi, Jesse.

I'm forwarding the Phase 2.5 reports for projects 6517-15-30 and 6230-20-00 (will come shortly in a separate e-mail).

Next steps –

Review/comment on reports (I have not yet reviewed. I will try to do so in the next couple weeks. However, I rarely have substantive comments on these reports)  
Develop special provisions (will likely require coordination with local waste water treatment operator for contaminated groundwater management)  
Send Phase 2.5 report and special provisions to DNR for review and concurrence on special provisions

If the project team is uncomfortable with preparation of the special provision, we can ask Bay West to assist.

If you have any questions, please let me know.

Thanks,

Kathie

---

**From:** Mark Gretebeck <[mgretebeck@BAYWEST.com](mailto:mgretebeck@BAYWEST.com)>  
**Sent:** Tuesday, November 30, 2021 5:08 PM  
**To:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>  
**Cc:** DOT Hazmat Unit <[DOTHazmatUnit@dot.wi.gov](mailto:DOTHazmatUnit@dot.wi.gov)>; Paul Raymaker <[praymaker@baywest.com](mailto:praymaker@baywest.com)>  
**Subject:** RE: Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

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Hi Kathie – I have attached the final report for 6517-15-30, Shiocton, WI.

We appreciate the opportunity to work with you on this project.

Thanks.

Mark.

## **Mark Gretebeck**

Wisconsin Program Manager  
cell: 608-769-5045 direct: 651-291-3146  
[mgretebeck@baywest.com](mailto:mgretebeck@baywest.com)

### **Bay West LLC**

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**From:** Mark Gretebeck

**Sent:** Tuesday, September 28, 2021 1:17 PM

**To:** VanPrice, Kathie - DOT <[Kathie.VanPrice@dot.wi.gov](mailto:Kathie.VanPrice@dot.wi.gov)>

**Cc:** DOT Hazmat Unit <[DOTHazmatUnit@dot.wi.gov](mailto:DOTHazmatUnit@dot.wi.gov)>; Paul Raymaker <[praymaker@baywest.com](mailto:praymaker@baywest.com)>;  
Grace Olson <[golson@BAYWEST.com](mailto:golson@BAYWEST.com)>

**Subject:** Phase 2.5 Work Plan 6517-15-30, WIS 76, Outagamie County - Shiocton, WI

Hello Kathie and Project Team – I am Mark Gretebeck with the La Crosse, WI Office of Bay West. I am working with Paul and our team on this project.

Attached is a copy of the Phase 2.5 Work Plan for Project 6517-15-30. We will be conducting the field work on 9/30 and 10/1.

We appreciate the opportunity to work with you on this project.

Thank you.

## **Mark Gretebeck**

Wisconsin Program Manager  
cell: 608-769-5045 direct: 651-291-3146  
[mgretebeck@baywest.com](mailto:mgretebeck@baywest.com)

### **Bay West LLC**

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## 1. Health and Safety Requirements for Workers Remediating Petroleum Contamination.

Add the following to standard spec 107.1(2):

Soil contamination with gasoline, diesel fuel, fuel oil, or other petroleum related products may be encountered during excavation activities. Prepare a site-specific Health and Safety Plan complying with the Occupational Safety and Health Administration (OSHA) standard for Hazardous Waste Operation and Emergency Response (HAZWOPER), 29 CFR 1910.120.

All site workers taking part in remediation activities or who will have the reasonable probability of exposure of safety or health hazards associated with the hazardous material shall have completed Health and Safety training that meets OSHA requirements. Before the start of remediation work, submit to the engineer a site-specific Health and Safety Plan, and written verification that workers will have completed up-to-date OSHA training.

Develop, delineate, and enforce the health and safety exclusions zones for each contaminated site location pursuant to 29 CFR 1910.120.

stp-107-115 (20150630)

## 2. Excavation, Hauling, and Disposal of Petroleum Contaminated Soil, Item 205.0501.S.

### A Description

#### A.1 General

##### Soil

This special provision describes excavating, loading, hauling, and disposing of petroleum contaminated soil at a DNR approved bioremediation facility.

Perform this work conforming to standard spec 205 and Chapters NR 700-754 of the Wisconsin Administrative Code, as supplemented herein. Per NR 718.07, a solid waste collection and transportation service-operating license is required under NR 502.06 for each vehicle used to transport contaminated soil.

##### Groundwater

This special provision also describes pumping and disposing of contaminated groundwater (if dewatering is necessary).

Perform this work according to standard spec 205 and with pertinent parts of Chapters NR 100-299 of the Wisconsin Administrative Code, as supplemented herein. Perform all work necessary to control, handle, and dispose of groundwater and surface water, and all other water that may be encountered within contaminated areas, as required for performance of the work.

#### A.2 Notice to the Contractor – Contaminated Soil Locations

The department completed testing for soil and groundwater contamination for locations within this project where excavation is required. Testing indicated that petroleum-contaminated soil is present at the following locations the plans show:

1. Station 1192+00 to 1193+00 from 75 feet LT of centerline to 50 feet RT of centerline (Intersection of STH 54 and Ivory Street). Soil is contaminated from 2 to 8 feet below grade and occupies an approximate 15 by 25 square yard area. Approximately 375 cubic yards of impacted soil remain on site. Petroleum impacted groundwater was encountered within this location. Approximately \_\_\_ cubic yards of contaminated soil is anticipated to be encountered during construction activities within this location.

If contaminated soils are encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer.

For further information regarding previous investigation and remediation activities at these sites contact:

Name: Lisa Lumley

Address: Wisconsin Department of Transportation – Northeast Region  
944 Vanderperren Way, Green Bay, WI 54304

Phone: (920) 492-5659 and (920) 360-6684

E-mail: [lisa.lumley@dot.wi.gov](mailto:lisa.lumley@dot.wi.gov)

### A.3 Coordination

Coordinate work under this contract with the environment consultant:

Consultant: Bay West LLC  
Address: 5 Empire Drive, St. Paul, MN 55103  
Contact: Paul Raymaker  
Phone: 651-291-3411  
Fax: N/A  
E-mail: [praymaker@baywest.com](mailto:praymaker@baywest.com)

The role of the environmental consultant will be limited to:

1. Determining the location and limits of contaminated soil to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;
2. Identifying contaminated soils to be hauled to the bioremediation facility;
3. Documenting that activities associated with management of contaminated soil are in conformance with the contaminated soil management methods for this project as specified herein; and
4. Obtaining the necessary approvals for disposal of contaminated soil from the bioremediation facility.
5. Identifying contaminated groundwater to be pumped for treatment and disposal (if dewatering is necessary). Coordinating groundwater characterization and approval for disposal of contaminated water with the City of Seymour.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the areas of contamination to the environmental consultant. Also notify the environmental consultant at least three calendar days before beginning excavation activities in each of the contaminated areas.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation activities in the contaminated areas. Perform excavation work in each of the contaminated areas on a continuous basis until excavation work is completed.

Identify the DNR approved bioremediation facility that will be used for disposal of contaminated soils and provide this information to the environmental consultant no later than 30 calendar days before beginning excavation activities in the contaminated areas or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals for disposal of contaminated soils from the bioremediation facility. Do not transport contaminated soil offsite without prior approval from the environmental consultant.

### A.4 Health and Safety Requirements

*Add the following to standard spec 107.1:*

During excavation activities, expect to encounter soil contaminated with gasoline, diesel fuel, fuel oil, or other petroleum related products. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each contaminated site location as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer before the start of work.

### B (Vacant)

### C Construction

*Add the following to standard spec 205.3:*

*Soil*

Control operations in the contaminated areas to minimize the quantity of contaminated soil excavated.

The environmental consultant will periodically evaluate soil excavated from the contaminated areas to determine if the soil will require offsite bioremediation. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for

evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 20 cubic yards excavated.

On the basis of the results of such field-screening, the material will be designated as follows:

- Excavation Common – Consisting of clean soil and/or clean construction and demolition fill (such as clean soil, boulders, concrete, reinforced concrete, bituminous pavement, bricks, building stone, and unpainted or untreated wood), which under NR 500.08 are exempt materials, or
- Low-Level Contaminated Material – PID readings less than 10 ppm and no observation of staining or petroleum odor for reuse as fill within the construction limits if covered with pavement, or
- Contaminated Soil – Significant petroleum odor, staining, and/or PID readings greater than 10 ppm) for off-site treatment and disposal at the WDNR-licensed bioremediation facility, or
- Contaminated Industrial Fill – Soil for reuse as fill within the construction limits if covered by pavement or 6-inches of clean topsoil, or off-site treatment and disposal at the WDNR-licensed bioremediation facility, or
- Potentially contaminated material for temporary stockpiling and additional characterization prior to disposal.

Directly load and haul soils designated by the environmental consultant for offsite bioremediation to the DNR approved bioremediation facility. Use loading and hauling practices that are appropriate to prevent any spills or releases of petroleum-contaminated soils or residues. Before transport, sufficiently dewater soils designated for off-site bioremediation so as not to contain free liquids.

Some material may require additional characterization prior to disposal. Provide for the temporary stockpiling of up to 250 cubic yards of contaminated soil on-site that require additional characterization. Construct and maintain a temporary stockpile of the material according to NR 718.05(3), including, but not limited to, placement of the contaminated soil/fill material on an impervious surface and covering the stockpile with impervious material to prevent infiltration of precipitation. The environmental consultant will collect representative samples of the stockpiled material, laboratory-analyze the samples, and advise the contractor, within 12 business days of the construction of the stockpile, of disposal requirements. The stockpiled material shall be disposed either at the WDNR-licensed disposal facility by the contractor or, if characterized as hazardous waste, by the department. As an alternative to temporarily stockpiling contaminated soil/fill material that requires additional characterization, the contractor has the option to suspend excavation in those areas, as stated above.

When material is encountered outside the above-identified limits of known contamination that appears to have been impacted with petroleum or chemical products, or when other obvious potentially contaminated materials are encountered or material exhibits characteristics of industrial-type wastes, such as fly ash, foundry sand, and cinders, or when underground storage tanks are encountered, suspend excavation in that area and notify the engineer.

#### *Groundwater*

Groundwater may be present within the construction limits. Water generated during dewatering operations (if necessary) is expected to be permitted to discharge to the surface except in the contaminated areas. Contaminated water encountered, but not requiring removal as a standard course of construction, shall remain in-place and not be managed under this special provision.

Contaminated groundwater generated from dewatering activities within the contaminated areas may exceed the surface water discharge limits for PVOCs specified in the DNR's "General Permit to Discharge under the Wisconsin Pollutant Discharge Elimination System" for "Contaminated Groundwater from Remedial Action Operations" (WPDES Permit No. WI-0046566-5), Table 3.1.

Contaminated water generated during dewatering may be discharged into the sanitary sewer for disposal/treatment at the city wastewater treatment facility provided the following conditions are met:

- Notify John Schoen, Director of Public Works at (jschoen@seymourutil.com or 920-851-0121), prior to discharge of contaminated groundwater to the sanitary sewer. Do not discharge into the sanitary sewer without prior approval from the City of Seymour Department of Public Works.
- Discharge location(s) shall be discussed and approved by the City of Seymour Public Water Works. The City of Seymour manager or agent thereof can order a stop to discharges if the discharge is causing treatment problems at the wastewater treatment plant or in the collection system.

- Any discharge shall meet all conditions of the most current City of Seymour Department of Public Works.
- Do not discharge grit (such as sand, sediment, detritus, etc.) to the sanitary sewer during dewatering operations. Furnish, install, and maintain a sediment control device (e.g., box, bag) for use prior to discharging water.
- Do not discharge any petroleum free product to the sanitary sewer under any circumstances.
- Document compliance with the City of Seymour Sewage Treatment Plant discharge requirements, including water quality sampling and analysis.
- The City of Seymour Department of Public Works may impose a sanitary sewer use fee and flow restrictions.
- All water may be trucked to the wastewater treatment plant in lieu of discharge to the sanitary sewer at the contractor's option and at the contractor's cost.

Notify the environmental consultant prior to pumping contaminated groundwater.

Discharging contaminated groundwater to any location other than that approved and provided by the environmental consultant, is at the contractor's cost. If the contractor chooses alternate discharge, at the contractor's cost, obtain DNR concurrence on any dewatering plans, and provide and operate any and all treatment and discharge equipment required.

Employ construction methods and techniques in a manner that will minimize the need for dewatering, and if dewatering is required, minimize the volume of water generated. Take measures to limit groundwater, surface water, and precipitation from entering and exiting excavations in the areas of contamination. Such measures, which may include berming, ditching, or other means, shall be maintained until construction of utilities in the areas of contamination are complete.

Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities. Notify the engineer of any dewatering activities, and obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statues, judiciary decisions, and regulations of the State of Wisconsin.

#### **D Measurement**

The department will measure Excavation, Hauling, and Disposal of Petroleum Contaminated Soil in tons of contaminated soil, accepted by the bioremediation facility as documented by weight tickets generated by the bioremediation facility.

#### **E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
205.0501.S	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	TON

Payment is full compensation for excavating, segregating, loading, hauling, and treatment via bioremediation of contaminated soil; obtaining solid waste collection and transportation service operating licenses; assisting in the collection soil samples for field evaluation; and dewatering of soils before transport, if necessary.

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