CH2M HILL
135 South 84th Street
Milwaukee, WI
53214
Tel 414.272.2426
Fax 414.272.4408

March 18, 2013

Kristin DuFresne
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54343

Re: Hazardous Waste Variance Modification Request
Menominee River Sediment Removal Project Adjacent to the
Tyco Fire Products LP Facility
One Stanton Street, Marinette, WI
EPA# WID 006 125 215
` WDNR BRRTS #02-38-000011

Dear Ms. DuFresne:

The purpose of this correspondence is to inform the Wisconsin Department of Natural Resources, and, where necessary, obtain approval for required process changes to sediment dredging and the subsequent treatment of the sediment at the referenced site. The work is being conducted to comply with the Administrative Order on Consent between Tyco Fire Products LP (formerly Ansul Incorporated) and the US Environmental Protection Agency, dated February 26, 2009. These changes are necessary to maximize success of the project, while continuing to minimize environmental risks at the Tyco Fire Products LP site. The proposed modifications to the operations and the Hazardous Waste Remediation Variance Conditional Approval include:

- Site Layout
- Dredging Operations and Equipment Modifications
- Scow Material Pre-Screening
- Treatment/Chemical Modifications
- Treatment Processing Equipment Modifications
- Onsite Laboratory Testing
- TCLP Parameter Testing
- Bin Full Operation

Presented herein is a brief description of the required modifications. For ease of review, this correspondence steps through the proposed modifications from site layout through offsite disposal.

Site Layout Modifications

Tyco proposes to revise the site layout to maximize use of the available space, while maintaining optimal material flow from the dredging and processing phase, through temporary storage, loading, transport, and disposal. Figures 1A and 2 (attached) depict the planned site layout for the 2013 field season. The modifications include:

- Construction of an additional access road south of Building 59.
- Placement of an access ramp near the southwest corner of the sediment loading area.
- Enlargement of 11 treated sediment storage bins to increase storage capacity.
- Installation of an additional truck wash and weigh scale.
- Storage of dry ferric sulfate in the area formerly used for coal storage (commonly referred to as the "Coal Dock" located on the northwest side of the Turning Basin). Other locations on the plant site (such as inside Building 59 or offsite storage) are being considered for overflow storage as needed.
- Installation of an access ramp and decontamination station in the northwest corner of the sediment processing and storage area (to accommodate trucks transferring dry ferric sulfate to the processing area). Modification of sediment treatment process equipment (described in a later section of this document).

The proposed site layout modifications are presented in detail below.

Primary truck traffic during the 2012 field season consisted of two components; incoming chemical deliveries and outgoing for sediment disposal. Chemical deliveries entered the site through the 8th Street entrance, continued up the east side of the work area and offloaded chemicals at stations located near the northeast corner of the work area. The chemical delivery trucks left the site via 8th Street.

Trucks used for transporting stabilized sediment entered the site at 6th Street, proceeded along the access road constructed between 6th Street and 8th Street (within Tyco property boundaries), proceeded to the sediment loading area, and exited the site through 8th Street after passing through the truck wash and over the scale.

For the forthcoming 2013 field activities, Tyco proposes that the majority of the chemical deliveries will remain consistent with the existing (2012) delivery approach. However, dry ferric sulfate, which is proposed for use in treating the soft sediments, will be transported through the Stanton Street and/or the 8th Street entrance of the facility. Trucks entering through the Stanton Street entrance will be offloaded at the former coal dock area for transfer to vehicles for entry into the process area. Dry ferric sulfate may be stored in temporary storage buildings, remain in the delivery trailers or other means on Tyco facilities or local storage facilities as required to provide adequate staging quantities for the process outputs. Following offloading, the delivery trucks will exit the facility via Stanton Street. It is important to note that the City of Marinette has informed Tyco that road work along Stanton Street is planned for 2013; details regarding the timing of this work are not available at this time.

Trucks used to transport processed sediment to the disposal facility (Waste Management , Menominee, Michigan) will continue to enter the site via 6th Street, but will then travel on a newly constructed road, located directly south of Building 59. This gravel access road will be constructed consistent with the methods and materials used for the existing access roads constructed for the project site. The trucks will turn right at the end of the building traveling north along the west side of Building 59 on existing asphalt pavement and enter the sediment loading area near Bin 1 (southwest corner of the loading area). A ramp will be constructed at the new entrance to the sediment load-out area to allow easy access and maintain storm water containment within the work area. It is important to note that the emergency access road north of building 59 is retained.

The trucks will stop adjacent to the bin containing sediment approved for transport to the landfill and loaded utilizing an excavator. Due to the volume of material to be dredged and treated on a daily basis (daily production rates), it is anticipated that truck loading will be conducted concurrently at two separate bin locations, using two excavators to minimize delays in transportation, and maximize bin utilization (reduce the risk of running out of bin storage space for treated sediment).

Following loading, and similar to 2012 field operations, the trucks will exit the load-out area through one of two available truck washes and weigh scales installed on the former 8th Street Slip area. Due to the high truck volume (approximately 200 loads per day), a second truck wash and weigh scale will be installed adjacent to the existing truck wash and weigh scale to minimize delays in transportation.

The 11 treated sediment storage bins will be enlarged to increase sediment storage capacity. Each bin will be lengthened approximately 32 feet to dimensions of approximately 47 feet by 174 feet. This will increase capacity to approximately 2,700 cubic yards per bin. The bins will be foam sealed at the base and seams consistent with the 2012 field operations.

Dry ferric sulfate will be used as part of the soft sediment treatment process. Due to space limitations within the work area, Tyco proposes to temporarily store the dry ferric sulfate on the existing asphalt pavement located at the northwest corner of the Turning Basin area (former coal dock area) or other locations on plant grounds or offsite storage locations. The former coal dock area will be designated as the dry chemical transfer station. Dry ferric sulfate will be transported to the site in one-metric ton super sacks contained in shipping containers. It is anticipated that these shipping containers will be staged at the former coal dock area pending use of the dry ferric sulfate. The super sacks will be transferred to onsite open-sided trailers for transfer to the work area.

The open-sided trailers will be transferred to the work area along an access road constructed adjacent to the Turning Basin. The access road will allow for the material to be delivered the work area at the northwest corner of the area. A decontamination station will be installed at the entrance/exit to the work area. The open-sided trailers and transfer vehicle will be washed prior to exit from the work area to prevent contaminated materials from leaving the site.

Dredging Operations and Equipment Modifications

Several modifications to the dredging operations and equipment are proposed for the 2013 field season. These include:

- Dredging using barge-mounted hydraulic excavators.
- Additional scows for containing dredge material.
- Removal of the soft sediment and SCM throughout the project dredge area will follow the original sequencing, Turning Basin through the Transition Areas; however, we want to reserve the flexibility to perform the removal of soft-sediment in the South Channel. As originally scoped, the soft sediment in the South Channel will be removed with shore-based equipment and could be performed at any time within the 2013 season.

Details of the proposed modifications are presented below.

Dredging Using a Barge-Mounted Hydraulic Excavator

Sediment dredging during the 2012 field season was conducted using a crane equipped with a clamshell bucket (environmental and standard). Due to the extensive debris present at the site, dredging using the clamshell bucket resulted in reduced recovery of dredged material because the bucket was unable to close completely. In addition, the debris resulted in recovery of substantial quantities of water that was incorporated into sediment prior to processing. Therefore, Tyco is proposing to use barge-mounted hydraulic excavators capable of sediment removal to depths of 30 feet below the water surface in the Turning Basin and Transition areas. These excavators will be equipped with a level cut clamshell and/or traditional bucket for removal of the material. To increase/maintain the increased productions rates necessary to complete the project by November 1, 2013, Tyco will use two, barge-mounted, hydraulic excavators to perform the work, and an additional excavator assigned to the sediments in the South Channel.

Dredging of South Channel area will be conducted from land and material will be loaded in trucks and transferred to the sediment processing area via the South Channel access road and the access road between 6th Street and 8th Street. The trucks will continue along the access road south of Building 59 and will enter the truck loading area. The trucks will continue to Bin 11, which will be temporarily modified (by removing the south wall) to allow for access for unloading the soft sediment. The soft sediment will be off loaded into Bin 11 and transferred to the sediment processing area. Jersey barriers will be installed in Bin 11 preventing any sediments from migrating to the south, and the berm on the north end will contain the sediment. Sevenson will use a front-end loader to transport the South Channel sediments to the excavators feeding the pre-screening operation prior to the treatment in the pugmills. The truck transporting the sediments into Bin 11 will then pass through the truck wash prior to leaving the area.

Additional Scows for Containing Dredged Material

Up to six water-tight scows will be used on site to contain the dredged material prior to processing. Each scow will have dimensions of approximately 168 feet long by 40 feet wide by 14 feet deep and capable of containing up to 1,000 cubic yards of dredged material. Three

scows are required for each barge-mounted excavator operation to maintain dredging and processing operations at/or near capacity while allowing for pre-screening of the dredged material prior to processing to aid in determining/minimizing chemical addition quantities, while maximizing success rates for treatment of the material. Additional details of the pre-screening approach are presented in Appendix A.

Scow Material Pre-Screening

Tyco will conduct pre-screening of the dredged material using an onsite laboratory, prior to sediment processing. The pre-screening will aid in determining/minimizing chemical addition quantities, while maximizing success rates for treatment of the dredged material.

Representative sediment samples (approximately one sample per 100 cubic yards -) will be collected from each scow prior to offloading for the treatment phase. Each representative sample will be homogenized and subsamples will be prepared for analysis of moisture content, X-Ray Fluorescence (XRF) screening, "rapid" TCLP assessment, and visual and physical assessment. Details of the XRF screening and rapid TCLP assessment were included in the "Dredged Material Treatability Study Results" document originally submitted to the agencies on February 1, 2013. A revised copy of this document addressing USEPA comments per the correspondence dated March 6, 2013 will be submitted under separate cover.

The information obtained from the pre-screening will be used to determine chemical quantities for incorporation during sediment processing. General decision criteria and chemical addition is presented below:

- If it is determined that the sediment meets criteria as soft sediment by XRF assessment, it will be treated with a 20 percent by weight dose of dry ferric sulfate and 10 percent by weight Portland cement. If liquid ferric sulfate is used the dosing rate will be 25 percent by weight.
- If the material is determined to be SCM with low moisture content by XRF assessment and the rapid TCLP for arsenic is > 7.5 mg/l., material treatment will be a liquid ferric sulfate dose of 5 percent by weight and 5 percent Portland cement.
- If the material is determined to be SCM with high moisture content by XRF screening and rapid TCLP for arsenic is >7.5 mg/l, material treatment will be a liquid ferric sulfate dose of 5 percent by weight and 7.5 percent by weight Portland Cement.
- If the material is determined to be SCM by XRF and the rapid TCLP for arsenic is <5 mg/l, the material will be treated with 5 percent by weight Portland cement.

Treatment/Chemical Modifications

An extensive treatability study was conducted during late 2012 through early 2013. Details of the treatability study were presented in the "Dredged Material Treatability Study Results" document submitted to the agencies on February 1, 2013. A revised copy of this document addressing USEPA comments per the correspondence dated March 6, 2013 will be submitted under separate cover. The treatability study confirmed that ferric sulfate and Portland cement are the most appropriate chemical additives to stabilize the arsenic in the

sediments, while reducing free moisture to meet landfill disposal criteria. Anticipated approximate dosing rates will be based on the pre-screening of dredged material as described above.

Due to limited availability of dry ferric sulfate, and to avoid delays in dredging and processing, it is possible that liquid ferric sulfate may be used for some soft sediment treatment activities. The liquid ferric sulfate and Portland cement treatment was demonstrated to be success during the 2012 field season.

It is important to note that wood chips may be used to improve workability of the material for transportation and disposal at the landfill. The wood chips would be incorporated mechanically, using excavators, in the bins. Wood chip incorporation would occur after the material has been sampled and confirmed TCLP testing for landfill disposal criteria.

Treatment Processing and Disposal Equipment Modifications

Several modifications are proposed for the scow offloading and sediment processing for the 2013 field season. The modifications will allow for simultaneous operation of the equipment, as needed, to maximize production rates. Figure 3 (attached) depicts graphic details of the sediment processing area. These include:

- Use of two Sennebogen material handlers to offload the sediment from the scows. Sennebogens will be staged on deck barges adjacent the sheet pile bulkhead.
- Simultaneous operation of two pugmills (Rapid Mix).
- Two additional dry chemical handling units.
- Two Bazooka Tube transfer units for Supersack handling.
- Simultaneous operation of two loading operations for offsite disposal.
- Simultaneous operation of two scales and truck wash operations.

A description of the modifications to the offloading and processing are presented below.

The anticipated production increases and modifications to the sediment treatment operations to maximize the potential for successful completion of the project will necessitate a revised approach to the treatment of sediment. The following paragraphs detail the proposed revisions to the treatment process.

Loaded scows will be staged at the unloading station where scow decanting will take place. A four inch trash pump will decant the scows to the extent practicable prior to unloading. The offloading barge will have two Sennebogen material handling excavators equipped with clamshell buckets for unloading. Materials will be transferred from the scow to the screening system over a drip pan to contain spills or drips during transfer. Materials will be segregated in the screening process with materials that can be shredded and other material separated from the sediments. Consistent with 2012 practices, shreddable debris will be incorporated into sediments for treatment, where appropriate. Shreddable debris not incorporated into the sediment and non-shreddable debris will be tested and properly disposed offsite. Sediment will pass through the screen and will be conveyed into a staging bin. A second set of excavators will transfer the material from the staging bin to the pugmills.

Two Rapid Mix pugmills will be employed simultaneously, as needed, for mixing Portland cement and ferric sulfate into the sediment to maximize processing of dredged material. These pugmills are capable of running higher production rates than those used in 2012 and are capable of incorporating dry or liquid ferric sulfate to the system with the required Portland cement. Dry ferric sulfate will be added to the pugmills by utilizing a system consisting of a feed hopper. The feed hopper will feed one super sack at a time suspended by an extending boom forklift over the hopper. The hopper has a shredder system that will cut the super sack allowing the ferric sulfate to drop into the hopper while allowing the forklift to retrieve the shredded super sack. A feed controller will monitor the rate of the ferric sulfate proportional to the sediment going into the pug-mill.

Liquid ferric sulfate will be stored in temporary storage tanks and pumped to the pugmill for incorporation. Portland cement will be temporarily stored in "pigs" and transferred to vertical silos for distribution into the pugmill. This process is consistent with the 2012 operations.

The material will be placed in the storage bins to allow for curing and analytical testing for landfill disposal. Upon receipt of the onsite laboratory analytical results, the material will be loaded into trucks for transportation to the landfill. Due to the planned production rates for the 2013 season, the sediment from two bins may be loaded simultaneously using two excavators (the material will not be comingled). The potential exists that up to 200 truck round-trips will be needed per day during the project.

Onsite Laboratory Testing

Tyco proposes to utilize an onsite laboratory to perform pre-screening of fresh dredged material from the scow prior to treatment (as discussed above). Substantial delays were encountered during the 2012 field season waiting on offsite laboratory analytical results to confirm release of sediment for disposal. Rapid laboratory turnaround for the landfill parameters (total and TCLP arsenic, paint filter and pH) averaged 3 days (with some parameters requiring up to 7 days to process and receive results. The onsite laboratory will have a WDNR and NELAP certification to perform the work, will perform the testing in accordance with standard means and methods for each parameter to be tested, and will have the capacity to process up to 10 samples per day for landfill criteria. Results from the onsite laboratory will be provided within 24 hours of sample submittal, reducing turnaround time by a minimum of 2 days. This will increase bin turnover (treated material in the bins can be approved for transport to the landfill more rapidly) and decrease the likelihood of delays due to a lack of bin space.

All water samples (river water quality, Marinette (WI) and Menominee (MI) municipal water treatment plants intake water quality, and WPDES monitoring) will continue to be sent to the offsite project laboratory.

TCLP Parameter Testing

Condition 14 of the "Hazardous Waste Remediation Variance Conditional Approval" document, dated July 3, 2012 requires that when changing operations from treating soft sediment to SCM, or when beginning dredging operations in a different location, Tyco is to collect one sample per 300 cubic yards for six consecutive days and analyze the samples for

TCLP volatiles, TCLP semi-volatiles, TCLP RCRA Metals, TCLP pesticides and herbicides, and PCBs. Tyco proposes that this condition be removed from the variance operational requirements for the following reasons:

- The areas presented and discussed in the design documents (Turning Basin, Transition Areas, Main Channel, and South Channel) were initially designated during the sediment investigation conducted in 2010. The purpose of the separate designations was purely for discussion purposes when presenting site conditions and analytical testing. It is not anticipated that each area would have different characteristics or contaminants requiring location-specific management.
- Approximately 100 samples have been collected and submitted for the suite of parameters specified in Condition 14. To date, only chloroform and benzene have been detected at concentrations exceeding criteria and were detected in samples collected during the initial startup process. No exceedences of the compounds and elements tested in the full suite of parameters have been detected since the elimination of sodium hypochlorite from the treatment train. The proposed treatment for soft sediment and SCM for the 2013 season is consistent with the chemical additives used at the close of the 2012 season, ferric sulfate and Portland cement. A summary of the analytical results is included as Appendix B.
- The full suite of parameters requires 5-7 days for laboratory testing to be completed. This testing cannot be completed by the proposed onsite laboratory. As such, the potential exists that all bins will be filled with material prior to receipt of all laboratory data. This would result in a shut down in operations while waiting on laboratory results to allow for transportation of material to the landfill. The potential exists for a minimum of 8 shut downs of 3 or more days dredging and processing operations while waiting on laboratory testing to be completed. This will delay the project and assure the project not meeting its November 1, deadline.

Bin Full Operation

In the SRWP and design documents, it was presented that each bin would have a capacity of approximately one day's dredging and processing. Therefore, the Hazardous Waste Remediation Variance Condition 6 approved operations that restricted bin capacity to the daily dredge volume. However, in practice, restricting capacity to the daily dredge volume resulted in many bins not being filled to capacity, limiting the overall capacity of the storage area.

Tyco proposes to manage the bins on a "Bin Full" basis for the 2013 field season. That is, storage of treated dredge material will continue in a respective bin until it is filled to capacity (approximately 2400-2700 cubic yards of material). Once the bin is filled to capacity, and required post-treatment curing time has taken place, the treated material will be sampled for landfill parameters. One composite sample will be collected for every 500 cubic yards of material in the bin (approximately 5 samples per bin). Operation on a bin full basis will minimize the potential for the storage area to reach total capacity, resulting in cessation of dredging and processing activities.

Soft sediment and SCM will be segregated into separate bins because different quantities of chemical additions are required to treat the material. In addition, SCM treated with the varying chemical recipes will not be combined to insure separation should re-treatment be required.

I trust the information provided herein will assist the WDNR with providing approval of the modification to the sediment management process and dredging operations. As you are aware, Tyco is planning to re-mobilized and start dredging and treatment operations on approximately May 15, 2013; therefore, your timely response is greatly appreciated. A review fee of $400 for this modification will be forwarded to the WDNR (Madison) for your assistance in this matter. If you have any questions or require additional information prior to the discussion, please do not hesitate to contact me.

Sincerely,

CH2M HILL

Jeffrey H. Danko
Senior Project Manager

Attachments

Table
Figures

cc: Larry Wilson—SimplexGrinnell
Joseph Janeczek—Tyco International
Michael Mikulka—USEPA
George Hicks—CH2M HILL
James Killian—WDNR
Cheryl Bougie—WDNR
David Panofsky—WDNR

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Arsenic [mg/kg]	Arsenic [mg/L]	Barium [mg/kg]	Barium [mg/L]	Cadmium [mg/kg]	Cadmium [mg/L]	Chromium [mg/kg]	Chromium [mg/L]	Copper [mg/kg]	Copper [mg/L]
TSBN01-071612-01	16-Jul-12	32.9	0.44	83.6	1.2 U	0.17 J	0.0029 J	9.4	0.12 U		
TSBN02-071712-01	17-Jul-12	59.6	0.13 J	35.2	1.2 U	0.22 J	0.0025 U	8.5	0.12 U		
TSBN02-071812-01	18-Jul-12	141 M0	0.39	26.9	1.2 U	0.039 U	0.0025 U	8.4	0.12 U		
TSBN03-072312-01	23-Jul-12	642 P6	14.8	48.5	1.2 U	0.042 U	0.0025 U	11.1	0.12 U		
TSBN04-072412-01	24-Jul-12	584 P6	4.4	47.5	1.2 U	0.043 U	0.012	11	0.12 U		
TSBN05-072612-01	26-Jul-12	263	0.37	56.9	1.2 U	0.23 J	0.0034 J	11	0.12 U	9.7	0.12 U
TSBN06-072712-01	27-Jul-12	349 P6	3.9	63.9	1.2 U	0.47 J	0.0068	12.7	0.12 U	8.8	0.12 U
TSBN07-072812-01	28-Jul-12	310 P6	3.1	43.4	1.2 U	0.55 J	0.006	10.9	0.12 U	10.8	0.12 U
TSBN01-073112-01	31-Jul-12	142 M0	2.9	38.2	1.2 U	0.25 J	0.0071	10	0.12 U	11	0.12 U
TSBN08-073112-01	31-Jul-12	522	16	44.8	1.2 U	0.65	0.029	12.6	0.12 U	11	0.12 U
TSBN08-073112-02	31-Jul-12	451	13.8	47.8	1.2 U	0.58	0.024	11.9	0.12 U	9.9	0.12 U
TSBN06-100512-01-H	05-Oct-12	1700	7.2 =B	85	0.21 =J B	0.23 =J	0.002 U	17	0.01 U	21	0.01 U
TSBN06-100512-02-H	05-Oct-12	1000	7.6 =B	71	0.21 =J B	0.075 U	0.002 U	15	0.01 U	16	0.01 U
TSBN06-100512-03-H	05-Oct-12	860	2.9 =B	85	0.18 =J B	0.067 U	0.002 U	17	0.01 U	20	0.01 U
TSBN06-100512-04-H	05-Oct-12	1100	2.6 =B	120	0.18 =J B	0.069 U	0.002 U	22	0.01 U	21	0.01 U
TSBN06-100512-05-H	05-Oct-12	690	2.1 =B	88	0.22 =J B	0.1 =J	0.002 U	18	0.01 U	20	0.017 =J
TSBN08-100512-01-H	05-Oct-12	420	0.36	60	0.14 =J B	0.065 U	0.002 U	11	0.01 U	11	0.01 U
TSBN08-100512-02-H	05-Oct-12	1700	5.7	62	0.25 =J B	0.07 U	0.002 U	11	0.01 U	12	0.013 =J
TSBN08-100512-03-H	05-Oct-12	2700	2.9	65	0.16 =J B	0.081 U	0.002 U	13	0.01 U	17	0.01 U
TSBN08-100512-04-H	05-Oct-12	2800	9.3	84	0.25 =J B	0.12 =J	0.002 U	15	0.01 U	17	0.01 U
TSBN08-100512-05-H	05-Oct-12	2200	16	70	0.25 =J B	0.19 =J	0.002 U	13	0.01 U	14	0.01 U
TSBN09-100512-01-H	05-Oct-12	2400	2.6 =B	86	0.13 =J B	0.71	0.002 U	18	0.01 U	19	0.01 U
TSBN09-100512-02-H	05-Oct-12	2000	3.7 =B	89 =B	0.14 =J B	0.76	0.002 U	18	0.01 U	20	0.01 U
TSBN09-100512-03-H	05-Oct-12	1800	2.9 =B	110 =B	0.13 =J B	0.97	0.002 U	25	0.01 U	24	0.01 U
TSBN09-100512-04-H	05-Oct-12	2600	3.3 =B	110 =B	0.13 =J B	0.99	0.002 U	21	0.01 U	28	0.01 U
TSBN09-100512-05-H	05-Oct-12	2200	3 =B	96 =B	0.13 =J B	0.85	0.002 U	18	0.01 U	20	0.01 U
TSBN10-100512-01-H	05-Oct-12	3000	25	97	0.28 =J B	0.33 =J	0.002 U	20	0.01 U	23	0.01 U
TSBN10-100512-02-H	05-Oct-12	2500	9.4	100	0.23 =J B	0.4	0.002 U	20	0.01 U	25	0.01 U
TSBN10-100512-03-H	05-Oct-12	2300	10	100	0.2 =J B	1.6	0.002 U	20	0.01 U	23	0.01 U
TSBN10-100512-04-H	05-Oct-12	4400	18	120	0.28 =J B	0.35 =J	0.002 U	23	0.01 U	25	0.01 U
TSBN10-100512-05-H	05-Oct-12	3600	27	110	0.29 =J B	1.9	0.002 U	22	0.01 U	23	0.01 U
TSBN01-100812-01-H	08-Oct-12	1100	1.4 =B	87	0.13 =J B	0.44	0.002 U	13	0.01 U	17	0.01 U
TSBN01-100812-02-H	08-Oct-12	1400	5.3 =B	64	0.17 =J B	0.59	0.002 U	16	0.01 U	16	0.01 U
TSBN01-100812-03-H	08-Oct-12	1200	1.5 =B	92	0.11 =J B	0.43	0.002 U	12	0.01 U	12	0.01 U
TSBN01-100812-04-H	08-Oct-12	2200	4.5 =B	100	0.14 =J B	0.74	0.002 U	20	0.01 U	20	0.01 U
TSBN01-100812-05-H	08-Oct-12	1100	0.78 =B	86	0.12 =J B	0.43	0.002 U	15	0.01 U	16	0.01 U
TSBN07-100812-01-H	08-Oct-12	1900	1.6 =B	88	0.11 =J B	0.63	0.002 U	16	0.01 U	21	0.01 U
TSBN07-100812-02-H	08-Oct-12	1700	2.4 =B	89	0.12 =J B	0.51	0.002 U	17	0.01 U	18	0.01 U
TSBN07-100812-03-H	08-Oct-12	1000	1.8 =B	69	0.13 =J B	0.52	0.002 U	16	0.01 U	16	0.01 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Arsenic [mg/kg]	Arsenic [mg/L]	Barium [mg/kg]	Barium [mg/L]	Cadmium [mg/kg]	Cadmium [mg/L]	Chromium [mg/kg]	Chromium [mg/L]	Copper [mg/kg]	Copper [mg/L]
TSBN07-100812-04-H	08-Oct-12	580	0.15 =B	86	0.11 =J B	0.43	0.002 U	16	0.01 U	15	0.01 U
TSBN07-100812-05-H	08-Oct-12	560	0.11 =B	71	0.094 =J B	0.3	0.002 U	14	0.01 U	18	0.01 U
TSBN04-100912-01-H	09-Oct-12	780	0.63 =B	73	0.15 =J	0.5	0.002 U	14	0.01 U	16	0.01 U
TSBN04-100912-02-H	09-Oct-12	640	0.56 =B	56	0.17 =J	0.5	0.002 U	15	0.01 U	16	0.01 U
TSBN04-100912-03-H	09-Oct-12	460	0.49 =B	74	0.14 =J	0.38	0.002 U	13	0.01 U	14	0.01 U
TSBN04-100912-04-H	09-Oct-12	210	0.19 =B	70	0.11 =J	0.18 =J	0.002 U	14	0.01 U	21	0.01 U
TSBN04-100912-05-H	09-Oct-12	370	0.39 =B	58	0.11 =J	0.31	0.002 U	13	0.01 U	9.7	0.01 U
TSBN05-100912-01-H	09-Oct-12	460	0.098	89	0.1 =J B	0.66	0.0024 =J	15	0.01 U	15	0.01 U
TSBN05-100912-02-H	09-Oct-12	380	0.082	76	0.1 =J B	0.54	0.002 U	28	0.01 U	16	0.01 U
TSBN05-100912-03-H	09-Oct-12	350	1	71	0.14 =J B	0.64	0.002 U	15	0.01 U	11	0.01 U
TSBN05-100912-04-H	09-Oct-12	640	0.34	83	0.11 =J B	0.6	0.002 U	16	0.01 U	17	0.01 U
TSBN05-100912-05-H	09-Oct-12	1500	1.2	120	0.11 =J B	0.71	0.002 U	17	0.01 U	25	0.01 U
TSBN03-101012-01-H	10-Oct-12	1100	0.54 =B	85	0.1 =J	0.24 =J	0.002 U	17	0.01 U	22	0.01 U
TSBN03-101012-02-H	10-Oct-12	600	0.9 =B	96	0.14 =J	0.29 =J	0.002 U	16	0.01 U	18	0.01 U
TSBN03-101012-03-H	10-Oct-12	540	0.42 =B	89	0.12 =J	0.25 =J	0.002 U	16	0.01 U	17	0.01 U
TSBN03-101012-04-H	10-Oct-12	410	0.17 =B	110	0.13 =J	0.31	0.002 U	18	0.01 U	20	0.01 U
TSBN03-101012-05-H	10-Oct-12	930	0.31 =B	110	0.11 =J	0.21 =J	0.002 U	22	0.01 U	33	0.01 U
RSBN02-101112-01-H	11-Oct-12	1700	0.78 =B	81	0.11 =J B	0.3 =J	0.0024 =J	17	0.01 U	19	0.01 U
RSBN02-101112-02-H	11-Oct-12	1400	0.66 =B	75	0.11 =J B	0.11 =J	0.0024 =J	15	0.01 U	15	0.01 U
RSBN02-101112-03-H	11-Oct-12	1300	0.33 =B	69	0.099 =J B	0.17 =J	0.0041 =J	16	0.01 U	15	0.01 U
RSBN02-101112-04-H	11-Oct-12	1600	0.3 =B	75	0.089 =J B	0.27	0.0043 =J	17	0.01 U	18	0.01 U
RSBN02-101112-05-H	11-Oct-12	1400	0.33 =B	72	0.096 =J B	0.078 U	0.0038 =J	15	0.01 U	14	0.01 U
RSBN02-101112-05-H-D	11-Oct-12	1300	0.33 =B	64	0.1 =J B	0.075 U	0.0037 =J	13	0.01 U	14	0.01 U
RSBN01-101212-01-H	12-Oct-12	450	0.095	60	0.087 =J	0.41	0.0023 =J	14	0.01 U	11	0.01 U
RSBN01-101212-02-H	12-Oct-12	470	0.075	68	0.086 =J	0.38	0.002 U	15	0.01 U	13	0.01 U
RSBN01-101212-02-H-D	12-Oct-12	400	0.084	59	0.092 =J	0.27 =J	0.002 U	14	0.01 U	12	0.01 U
RSBN01-101212-03-H	12-Oct-12	410	0.073	61	0.085 =J	0.36	0.002 U	14	0.01 U	14	0.01 U
RSBN01-101212-04-H	12-Oct-12	440	0.067	61	0.073 =J	0.33	0.0023 =J	14	0.01 U	14	0.01 U
RSBN01-101212-05-H	12-Oct-12	390	0.058	62	0.077 =J	0.37	0.0023 =J	15	0.01 U	14	0.01 U
RSBN07-101512-01-H	15-Oct-12	1500	0.79 =B	81	0.11 =J	0.6	0.002 =J	16	0.01 U	18	0.01 U
RSBN07-101512-02-H	15-Oct-12	880	0.57 =B	67	0.12 =J	0.33	0.002 U	16	0.01 U	16	0.01 U
RSBN07-101512-03-H	15-Oct-12	1800	0.9 =B	78	0.11 =J	0.43	0.0023 =J	16	0.01 U	18	0.01 U
RSBN07-101512-04-H	15-Oct-12	1400	0.47 =B	73	0.11 =J	0.34 =J	0.0027 =J	15	0.01 U	18	0.01 U
RSBN07-101512-05-H	15-Oct-12	1500	0.69 =B	64	0.1 =J	0.19 =J	0.0026 =J	13	0.01 U	15	0.01 U
RSBN07-101512-05-H-D	15-Oct-12	1600	0.73 =B	66	0.11 =J	0.35 =J	0.0029 =J	14	0.01 U	16	0.01 U
RSBN04-101712-01-H	17-Oct-12	2500	0.58	82	0.095 =J	0.51	0.0036 =J	19	0.01 U	18	0.01 U
RSBN04-101712-02-H	17-Oct-12	2500	0.55	81	0.098 =J	0.69	0.0034 =J	17	0.01 U	28	0.01 U
RSBN04-101712-02-H-D	17-Oct-12	2600	0.52	83	0.092 =J	0.62	0.0037 =J	17	0.01 U	19	0.01 U
RSBN04-101712-03-H	17-Oct-12	2400	0.38	93	0.089 =J	0.8	0.0027 =J	20	0.01 U	21	0.01 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Arsenic [mg/kg]	Arsenic [mg/L]	Barium [mg/kg]	Barium [mg/L]	Cadmium [mg/kg]	Cadmium [mg/L]	Chromium [mg/kg]	Chromium [mg/L]	Copper [mg/kg]	Copper [mg/L]
RSBN04-101712-04-H	17-Oct-12	2300	0.23	79	0.069 =J	0.66	0.0058	18	0.01 U	20	0.01 U
RSBN04-101712-05-H	17-Oct-12	2200	0.35	71	0.096 =J	0.3 =J	0.0033 =J	15	0.01 U	16	0.01 U
RSBN08-101912-01-H	19-Oct-12	2400	0.28	110	0.081 =J	1.5	0.0056	22	0.01 U	26	0.01 U
RSBN08-101912-02-H	19-Oct-12	2500	0.3	100	0.08 =J	1.2	0.0052	21	0.01 U	26	0.01 U
RSBN08-101912-03-H	19-Oct-12	2500	0.24	100	0.073 =J	1.1	0.0064	22	0.01 U	24	0.01 U
RSBN08-101912-03-H-D	19-Oct-12	2500	0.21	110	0.069 =J	1.3	0.0059	21	0.01 U	26	0.01 U
RSBN08-101912-04-H	19-Oct-12	2800	0.84	110	0.11 =J	0.91	0.0029 =J	22	0.01 U	26	0.01 U
RSBN08-101912-05-H	19-Oct-12	3700	0.83	130	0.099 =J	1.4	0.003 =J	26	0.01 U	29	0.01 U
TSBN10-102012-01-H	20-Oct-12	740		77	0.13 =J	0.089 =J	0.002 U	15	0.01 U	25	0.01 U
TSBN10-102012-02-H	20-Oct-12	590		76	0.13 =J	0.079 U	0.002 U	15	0.01 U	18	0.01 U
TSBN10-102012-02-H-D	20-Oct-12	770		90	0.13 =J	0.12 =J	0.002 U	17	0.01 U	21	0.01 U
TSBN10-102012-03-H	20-Oct-12	750		62	0.12 =J	0.087 U	0.002 U	12	0.01 U	17	0.01 U
TSBN10-102012-04-H	20-Oct-12	680		82	0.14 =J	0.071 U	0.002 U	15	0.01 U	17	0.01 U
TSBN10-102012-05-H	20-Oct-12	340		82	0.11 =J	0.066 U	0.002 U	15	0.01 U	15	0.01 U
TSBN05-102212-01-H	22-Oct-12	350	0.11	60 =B	0.097 =J	0.46	0.002 U	12	0.01 U	10	0.01 U
TSBN05-102212-02-H	22-Oct-12	270	0.33	70 =B	0.12 =J	0.42	0.002 U	15	0.01 U	11	0.01 U
TSBN05-102212-03-H	22-Oct-12	250	0.098	69 =B	0.094 =J	0.4	0.002 U	13	0.01 U	12	0.01 U
TSBN05-102212-03-H-D	22-Oct-12	270	0.13	74 =B	0.11 =J	0.39	0.002 U	15	0.01 U	12	0.01 U
TSBN05-102212-04-H	22-Oct-12	520	0.089	26 =B	0.01 U	0.62	0.0035 =J	10	0.01 U	11	0.01 U
TSBN05-102212-05-H	22-Oct-12	600	0.061	37 =B	0.023 =J	1	0.0042 =J	12	0.01 U	12	0.01 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Cyanide [mg/kg]	Cyanide, Reactive [mg/kg]	Lead [mg/kg]	Lead [mg/L]	Mercury [mg/kg]	Mercury [mg/L]	Mercury [ug/L]	Nickel [mg/kg]	Nickel [mg/L]	Zinc [mg/kg]
TSBN01-071612-01	16-Jul-12	0.49 U		6.4	0.015 U	0.084 M0, R1		0.21 J			
TSBN02-071712-01	17-Jul-12	0.48 U		6.5	0.015 U	0.12		0.1 U			
TSBN02-071812-01	18-Jul-12	0.49 U		8.7	0.015 U	0.13		0.1 U			
TSBN03-072312-01	23-Jul-12	0.54 U		16.1	0.015 U	0.27 M0		0.1 U			
TSBN04-072412-01	24-Jul-12	0.56 U		14.3	0.031 J	0.18		0.1 U			
TSBN05-072612-01	26-Jul-12	0.53 U		7.3	0.015 U	0.085		0.1 U	80.2	0.37	39
TSBN06-072712-01	27-Jul-12	0.53 U		9.1	0.015 U	0.074		0.1 U	105	0.15 J	49.1
TSBN07-072812-01	28-Jul-12	0.53 U		12.5	0.063	0.13 M0		0.1 U	20.6	0.12 U	37.4
TSBN01-073112-01	31-Jul-12	0.49 U		7.1	0.015 U	0.074		0.1 U	73.2	0.12 U	39.7
TSBN08-073112-01	31-Jul-12	0.54 U		13.2	0.015 U	0.14		0.1 U	54.7	0.12 U	48.4
TSBN08-073112-02	31-Jul-12	0.53 U		12.9	0.015 U	0.12		0.1 U	37.4	0.12 U	47.1
TSBN06-100512-01-H	05-Oct-12		0.19 =J	19	0.005 U	0.21 =B	0.00002 U		18	0.033	81
TSBN06-100512-02-H	05-Oct-12		0.16 =J	14	0.005 U	0.23	0.00002 U		15	0.021 =J	68
TSBN06-100512-03-H	05-Oct-12		0.21 =J	13	0.005 U	0.19	0.00002 U		18	0.023 =J	73
TSBN06-100512-04-H	05-Oct-12		0.28 =J	14	0.005 U	0.18	0.00002 U		20	0.028	95
TSBN06-100512-05-H	05-Oct-12		0.31 =J	18	0.005 U	0.19	0.00002 U		19	0.015 =J	86
TSBN08-100512-01-H	05-Oct-12		0.22 =J	5.6	0.005 U	0.1 =B	0.00002 U		13	0.083	42
TSBN08-100512-02-H	05-Oct-12		0.33 =J	8.8	0.005 U	0.18	0.00002 U		11	0.043	44
TSBN08-100512-03-H	05-Oct-12		0.29 =J	13	0.005 U	0.24	0.00002 U		15	0.1	58
TSBN08-100512-04-H	05-Oct-12		0.56	11	0.005 U	0.21	0.00002 U		15	0.044	58
TSBN08-100512-05-H	05-Oct-12		0.33 =J	12	0.005 U	0.15	0.00002 U		13	0.026	51
TSBN09-100512-01-H	05-Oct-12		0.11 U	17	0.005 U	0.25	0.00002 U		19	0.12	69
TSBN09-100512-02-H	05-Oct-12		0.076 U	18	0.005 U	0.31	0.00002 U		19	0.12	71
TSBN09-100512-03-H	05-Oct-12		0.11 U	16	0.005 U	0.36	0.00002 U		24	0.13	83
TSBN09-100512-04-H	05-Oct-12		0.1 U	19	0.005 U	0.42	0.00002 U		22	0.15	82
TSBN09-100512-05-H	05-Oct-12		0.11 U	17	0.005 U	0.33	0.00002 U		20	0.13	71
TSBN10-100512-01-H	05-Oct-12		0.1 U	19	0.005 U	0.24	0.00002 U		17	0.013 =J	86
TSBN10-100512-02-H	05-Oct-12		0.12 U	19	0.005 U	0.23	0.00002 U		18	0.051	85
TSBN10-100512-03-H	05-Oct-12		0.11 U	17	0.005 U	0.24	0.00002 U		18	0.063	84
TSBN10-100512-04-H	05-Oct-12		0.33 =J	18	0.005 U	0.26	0.00002 U		20	0.029	97
TSBN10-100512-05-H	05-Oct-12		0.12 =J	75	0.005 U	0.22	0.00002 U		18	0.018 =J	86
TSBN01-100812-01-H	08-Oct-12		0.11 U	7.6	0.005 U	0.12	0.00002 U		14	0.073	53 =B
TSBN01-100812-02-H	08-Oct-12		0.94	9.8	0.005 U	0.13	0.00002 U		15	0.057	62 =B
TSBN01-100812-03-H	08-Oct-12		0.097 U	8.3	0.005 U	0.13	0.00002 U		11	0.095	46 =B
TSBN01-100812-04-H	08-Oct-12		0.098 U	12	0.005 U	0.16	0.00002 U		18	0.097	80 =B
TSBN01-100812-05-H	08-Oct-12		0.12 U	9.2	0.005 U	0.12	0.00002 U		14	0.089	59 =B
TSBN07-100812-01-H	08-Oct-12		0.11 U	19	0.005 U	0.34 =B	0.00002 U		20	0.14	65 =B
TSBN07-100812-02-H	08-Oct-12		0.11 U	18	0.005 U	0.39	0.00002 U		17	0.13	62 =B
TSBN07-100812-03-H	08-Oct-12		0.12 U	17	0.005 U	0.25	0.00002 U		17	0.08	60 =B

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Cyanide [mg/kg]	Cyanide, Reactive [mg/kg]	Lead [mg/kg]	Lead [mg/L]	Mercury [mg/kg]	Mercury [mg/L]	Mercury [ug/L]	Nickel [mg/kg]	Nickel [mg/L]	Zinc [mg/kg]
TSBN07-100812-04-H	08-Oct-12		0.12 U	18	0.005 U	0.19	0.00002 U		19	0.14	56 =B
TSBN07-100812-05-H	08-Oct-12		0.12 U	32	0.005 U	0.19	0.00002 U		17	0.12	43 =B
TSBN04-100912-01-H	09-Oct-12		0.076 U	14	0.005 U	0.18	0.00002 U		14	0.084	61 =B
TSBN04-100912-02-H	09-Oct-12		0.11 =J	13	0.005 U	0.15	0.00002 U		14	0.08	62 =B
TSBN04-100912-03-H	09-Oct-12		0.12 U	13	0.005 U	0.13	0.00002 U		14	0.064	54 =B
TSBN04-100912-04-H	09-Oct-12		0.12 U	5.3	0.005 U	0.057	0.00002 U		16	0.12	52 =B
TSBN04-100912-05-H	09-Oct-12		0.12 U	4.8	0.005 U	0.043	0.00002 U		13	0.12	43 =B
TSBN05-100912-01-H	09-Oct-12		0.11 U	12	0.005 U	0.2	0.00002 U		22	0.13	76 =B
TSBN05-100912-02-H	09-Oct-12		0.12 U	20	0.005 U	0.11	0.00002 U		19	0.11	69 =B
TSBN05-100912-03-H	09-Oct-12		0.12 U	9	0.005 U	0.14	0.00002 U		17	0.011 =J	62
TSBN05-100912-04-H	09-Oct-12		0.12 U	9.9	0.005 U	0.27	0.00002 U		16	0.11	69
TSBN05-100912-05-H	09-Oct-12		0.12 U	17	0.005 U	0.18	0.00002 U		20	0.12	95
TSBN03-101012-01-H	10-Oct-12		0.12 U	17	0.005 U	0.27	0.00002 U		20	0.14	72 =B
TSBN03-101012-02-H	10-Oct-12		0.088 U	18	0.005 U	0.26	0.00002 U		19	0.093	77 =B
TSBN03-101012-03-H	10-Oct-12		0.11 U	16	0.005 U	0.41	0.00002 U		19	0.08	69 =B
TSBN03-101012-04-H	10-Oct-12		0.12 U	15	0.005 U	0.22	0.00002 U		23	0.1	81 =B
TSBN03-101012-05-H	10-Oct-12		0.093 U	16	0.005 U	0.22	0.00002 U		30	0.14	89 =B
RSBN02-101112-01-H	11-Oct-12		0.14 =J	11 =B	0.005 U	0.15	0.000023 =J B		18 =V	0.22	60 =V
RSBN02-101112-02-H	11-Oct-12		0.11 =J	9.9 =B	0.005 U	0.13	0.000029 =J B		19	0.2	59
RSBN02-101112-03-H	11-Oct-12		0.11 =J	10 =B	0.005 U	0.14	0.000024 =J B		19	0.26	55
RSBN02-101112-04-H	11-Oct-12		0.11 =J	12 =B	0.005 U	0.17	0.000028 =J B		21	0.26	64
RSBN02-101112-05-H	11-Oct-12		0.1 =J	14 =B	0.005 U	0.17	0.000029 =J B		21	0.25	50
RSBN02-101112-05-H-D	11-Oct-12		0.11 =J	9.4 =B	0.005 U	0.15	0.000021 =J B		19	0.24	47
RSBN01-101212-01-H	12-Oct-12		0.19 =J	6.4 =B	0.005 U	0.048	0.00002 U		18 =V	0.24	44
RSBN01-101212-02-H	12-Oct-12		0.13 =J	8.6 =B	0.005 U	0.071	0.00002 U		18	0.19	48
RSBN01-101212-02-H-D	12-Oct-12		0.21 =J	6.9 =B	0.005 U	0.067	0.00002 U		15	0.23	41
RSBN01-101212-03-H	12-Oct-12		0.15 =J	9 =B	0.005 U	0.11	0.00002 U		17	0.21	47
RSBN01-101212-04-H	12-Oct-12		0.15 =J	10 =B	0.005 U	0.12	0.00002 U		15	0.26	39
RSBN01-101212-05-H	12-Oct-12		0.13 =J	8.7 =B	0.005 U	0.079	0.00002 U		18	0.25	53
RSBN07-101512-01-H	15-Oct-12		0.85 =B	15 =B	0.005 U	0.2	0.00002 U		19	0.2	60
RSBN07-101512-02-H	15-Oct-12		0.45 =B	19 =B	0.005 U	0.14	0.00002 U		15	0.16	56
RSBN07-101512-03-H	15-Oct-12		0.79 =B	14 =B	0.005 U	0.17	0.00002 U		20	0.19	63
RSBN07-101512-04-H	15-Oct-12		0.81 =B	18 =B	0.005 U	0.37	0.00002 U		20	0.23	53
RSBN07-101512-05-H	15-Oct-12		0.77 =B	15 =B	0.005 U	0.17	0.00002 =J		17	0.2	48
RSBN07-101512-05-H-D	15-Oct-12		0.75 =B	13 =B	0.005 U	0.21	0.00002 =J		18	0.21	55
RSBN04-101712-01-H	17-Oct-12		0.09 U	25 =B	0.005 U	0.19	0.000024 =J B		24	0.28	64
RSBN04-101712-02-H	17-Oct-12		0.095 U	13 =B	0.005 U	0.17	0.000032 =J B		23	0.31	76
RSBN04-101712-02-H-D	17-Oct-12		0.12 U	14 =B	0.005 U	0.19	0.000022 =J B		26	0.29	69
RSBN04-101712-03-H	17-Oct-12		0.2 =J	14 =B	0.005 U	0.19	0.00002 U		25	0.24	70

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Cyanide [mg/kg]	Cyanide, Reactive [mg/kg]	Lead [mg/kg]	Lead [mg/L]	Mercury [mg/kg]	Mercury [mg/L]	Mercury [ug/L]	Nickel [mg/kg]	Nickel [mg/L]	Zinc [mg/kg]
RSBN04-101712-04-H	17-Oct-12		0.41 =J	13 =B	0.005 U	0.17	0.000032 =J B		23	0.37	61
RSBN04-101712-05-H	17-Oct-12		0.12 U	12 =B	0.005 U	0.22	0.000024 =J B		19	0.28	52
RSBN08-101912-01-H	19-Oct-12		0.11 U	17 =B	0.005 U	0.19 =B	0.000026 =J B		25	0.31	89 =B
RSBN08-101912-02-H	19-Oct-12		0.11 U	17 =B	0.005 U	0.15 =B	0.000031 =J B		24	0.28	79 =B
RSBN08-101912-03-H	19-Oct-12		0.11 U	23 =B	0.005 U	0.18 =B	0.000028 =J B		23	0.33	79 =B
RSBN08-101912-03-H-D	19-Oct-12		0.1 U	16 =B	0.005 U	0.19 =B	0.000026 =J B		23	0.31	74 =B
RSBN08-101912-04-H	19-Oct-12		0.46 =J ^	18 =B	0.005 U	0.15 =B	0.000027 =J B		23	0.21	81 =B
RSBN08-101912-05-H	19-Oct-12		0.11 U	20 =B	0.005 U	0.23	0.000029 =J B		33	0.2	100 =B
TSBN10-102012-01-H	20-Oct-12		0.11 U	19	0.005 U	0.27	0.000038 =J		16	0.1	61
TSBN10-102012-02-H	20-Oct-12		0.12 U	18	0.005 U	0.32	0.000029 =J		16	0.1	63
TSBN10-102012-02-H-D	20-Oct-12		0.21 =J	20	0.005 U	0.3	0.000032 =J		19	0.1	74
TSBN10-102012-03-H	20-Oct-12		0.88	18	0.005 U	0.36	0.000029 =J		12	0.15	53
TSBN10-102012-04-H	20-Oct-12		0.1 U	14	0.005 U	0.22	0.000032 =J		17	0.062	61
TSBN10-102012-05-H	20-Oct-12		0.38 =J	8.5	0.005 U	0.089	0.000031 =J		18	0.1	52
TSBN05-102212-01-H	22-Oct-12		0.12 U	7.6 =B	0.005 U	0.06	0.000033 =J B		13	0.06	47
TSBN05-102212-02-H	22-Oct-12		0.12 U	5.5 =B	0.005 U	0.053	0.000036 =J B		14	0.025	51
TSBN05-102212-03-H	22-Oct-12		0.11 U	5.1 =B	0.005 U	0.054	0.000033 =J B		14	0.048	56
TSBN05-102212-03-H-D	22-Oct-12		0.11 U	5.6 =B	0.005 U	0.059	0.000033 =J B		16	0.053	58
TSBN05-102212-04-H	22-Oct-12		0.12 U	11 =B	0.005 U	0.14	0.000038 =J B		14	0.22	29
TSBN05-102212-05-H	22-Oct-12		0.11 U	10 =B	0.005 U	0.13	0.000036 =J B		18	0.24	47

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Zinc [mg/L]	1,1,1,2-Tetrachloroethane [ug/kg]	1,1,1-Trichloroethane [ug/kg]	1,1,2,2-Tetrachloroethane [ug/kg]	1,1,2-Trichloroethane [ug/kg]	1,1-Dichloroethane [ug/kg]
TSBN01-071612-01	16-Jul-12		25 UW	25 UW	25 UM1, W	25 UW	25 UW
TSBN02-071712-01	17-Jul-12		25 UW	25 UW	25 UW	25 UW	25 UW
TSBN02-071812-01	18-Jul-12		25 UW	25 UW	25 UW	25 UW	25 UW
TSBN03-072312-01	23-Jul-12		25 UW	25 UW	25 UW	25 UW	25 UW
TSBN04-072412-01	24-Jul-12		25 UW	25 UW	25 UW	25 UW	25 UW
TSBN05-072612-01	26-Jul-12	0.41	25 UW	25 UW	25 UW	25 UW	25 UW
TSBN06-072712-01	27-Jul-12	0.16 J	25 UW	25 UW	25 UW	25 UW	25 UW
TSBN07-072812-01	28-Jul-12	0.68	62.5 UW	62.5 UW	62.5 UW	62.5 UW	62.5 UW
TSBN01-073112-01	31-Jul-12	0.12 U	25 UW	25 UW	25 UW	25 UW	25 UW
TSBN08-073112-01	31-Jul-12	0.12 U	25 UW	25 UW	25 UW	25 UW	25 UW
TSBN08-073112-02	31-Jul-12	0.12 U	25 UW	25 UW	25 UW	25 UW	25 UW
TSBN06-100512-01-H	05-Oct-12	0.02 U	1.1 U	1.2 U	1.7 U	1.1 U	1.3 U
TSBN06-100512-02-H	05-Oct-12	0.02 U					
TSBN06-100512-03-H	05-Oct-12	0.02 U					
TSBN06-100512-04-H	05-Oct-12	0.02 U					
TSBN06-100512-05-H	05-Oct-12	0.02 U					
TSBN08-100512-01-H	05-Oct-12	0.032 =J	0.9 U	0.98 U	1.3 U	0.9 U	1 U
TSBN08-100512-02-H	05-Oct-12	0.02 U					
TSBN08-100512-03-H	05-Oct-12	0.15					
TSBN08-100512-04-H	05-Oct-12	0.02 U					
TSBN08-100512-05-H	05-Oct-12	0.02 U					
TSBN09-100512-01-H	05-Oct-12	0.18	1.5 U	1.6 U	2.2 U	1.5 U	1.7 U
TSBN09-100512-02-H	05-Oct-12	0.19					
TSBN09-100512-03-H	05-Oct-12	0.23					
TSBN09-100512-04-H	05-Oct-12	0.34					
TSBN09-100512-05-H	05-Oct-12	0.22					
TSBN10-100512-01-H	05-Oct-12	0.02 U	46 U	27 U	31 U	37 U	25 U
TSBN10-100512-02-H	05-Oct-12	0.033 =J					
TSBN10-100512-03-H	05-Oct-12	0.058 =J					
TSBN10-100512-04-H	05-Oct-12	0.02 U					
TSBN10-100512-05-H	05-Oct-12	0.02 U					
TSBN01-100812-01-H	08-Oct-12	0.066 =J					
TSBN01-100812-02-H	08-Oct-12	0.045 =J	32 U	18 U	21 U	25 U	17 U
TSBN01-100812-03-H	08-Oct-12	0.23					
TSBN01-100812-04-H	08-Oct-12	0.17					
TSBN01-100812-05-H	08-Oct-12	0.12					
TSBN07-100812-01-H	08-Oct-12	0.25	35 U	20 U	24 U	28 U	19 U
TSBN07-100812-02-H	08-Oct-12	0.11					
TSBN07-100812-03-H	08-Oct-12	0.02 U					

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Zinc [mg/L]	1,1,1,2-Tetrachloroethane [ug/kg]	1,1,1-Trichloroethane [ug/kg]	1,1,2,2-Tetrachloroethane [ug/kg]	1,1,2-Trichloroethane [ug/kg]	1,1-Dichloroethane [ug/kg]
TSBN07-100812-04-H	08-Oct-12	0.086 =J					
TSBN07-100812-05-H	08-Oct-12	0.077 =J					
TSBN04-100912-01-H	09-Oct-12	0.12	1.1 U	1.2 U	1.6 U	1.1 U	1.3 U
TSBN04-100912-02-H	09-Oct-12	0.08 =J					
TSBN04-100912-03-H	09-Oct-12	0.055 =J					
TSBN04-100912-04-H	09-Oct-12	0.17					
TSBN04-100912-05-H	09-Oct-12	0.16					
TSBN05-100912-01-H	09-Oct-12	0.12	1.1 U	1.2 U	1.7 U	1.1 U	1.3 U
TSBN05-100912-02-H	09-Oct-12	0.052 =J					
TSBN05-100912-03-H	09-Oct-12	0.02 U					
TSBN05-100912-04-H	09-Oct-12	0.11					
TSBN05-100912-05-H	09-Oct-12	0.16					
TSBN03-101012-01-H	10-Oct-12	0.28	1.3 U	1.4 U	1.9 U	1.3 U	1.5 U
TSBN03-101012-02-H	10-Oct-12	0.037 =J					
TSBN03-101012-03-H	10-Oct-12	0.039 =J					
TSBN03-101012-04-H	10-Oct-12	0.045 =J					
TSBN03-101012-05-H	10-Oct-12	0.17					
RSBN02-101112-01-H	11-Oct-12	0.52 =B	1.1 U	1.2 U	1.6 U	1.1 U	1.3 U
RSBN02-101112-02-H	11-Oct-12	0.49 =B	1.1 U	1.2 U	1.6 U	1.1 U	1.3 U
RSBN02-101112-03-H	11-Oct-12	0.65 =B	1.1 U	1.2 U	1.7 U	1.1 U	1.3 U
RSBN02-101112-04-H	11-Oct-12	0.66 =B	1 U	1.1 U	1.6 U	1 U	1.2 U
RSBN02-101112-05-H	11-Oct-12	0.66 =B	1.3 U	1.4 U	1.9 U	1.3 U	1.5 U
RSBN02-101112-05-H-D	11-Oct-12	0.57 =B	31 U	18 U	21 U	25 U	17 U
RSBN01-101212-01-H	12-Oct-12	0.51	0.96 U	1 U	1.4 U	0.96 U	1.1 U
RSBN01-101212-02-H	12-Oct-12	0.4	25 U	14 U	17 U	20 U	13 U
RSBN01-101212-02-H-D	12-Oct-12	0.45					
RSBN01-101212-03-H	12-Oct-12	0.46	1.2 U	1.4 U	1.8 U	1.2 U	1.4 U
RSBN01-101212-04-H	12-Oct-12	0.6	1.1 U	1.2 U	1.6 U	1.1 U	1.3 U
RSBN01-101212-05-H	12-Oct-12	0.55	1.1 U	1.2 U	1.6 U	1.1 U	1.3 U
RSBN07-101512-01-H	15-Oct-12	0.48	1.3 U	1.4 U	1.9 U	1.3 U	1.5 U
RSBN07-101512-02-H	15-Oct-12	0.34	1.2 U	1.3 U	1.8 U	1.2 U	1.4 U
RSBN07-101512-03-H	15-Oct-12	0.48	1.3 U	1.4 U	1.9 U	1.3 U	1.5 U
RSBN07-101512-04-H	15-Oct-12	0.54	1.6 U	1.7 U	2.4 U	1.6 U	1.8 U
RSBN07-101512-05-H	15-Oct-12	0.52	1.5 U	1.6 U	2.2 U	1.5 U	1.7 U
RSBN07-101512-05-H-D	15-Oct-12	0.54					
RSBN04-101712-01-H	17-Oct-12	0.64	1.1 U	1.2 U	1.6 U	1.1 U	1.3 U
RSBN04-101712-02-H	17-Oct-12	0.68	1.2 U	1.4 U	1.8 U	1.2 U	1.4 U
RSBN04-101712-02-H-D	17-Oct-12	0.65					
RSBN04-101712-03-H	17-Oct-12	0.46	1.1 U	1.2 U	1.6 U	1.1 U	1.3 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Zinc [mg/L]	1,1,1,2-Tetrachloroethane [ug/kg]	1,1,1-Trichloroethane [ug/kg]	1,1,2,2-Tetrachloroethane [ug/kg]	1,1,2-Trichloroethane [ug/kg]	1,1-Dichloroethane [ug/kg]
RSBN04-101712-04-H	17-Oct-12	0.79	1.4 U	1.6 U	2.1 U	1.4 U	1.7 U
RSBN04-101712-05-H	17-Oct-12	0.62	1.1 U	1.2 U	1.6 U	1.1 U	1.2 U
RSBN08-101912-01-H	19-Oct-12	0.94	1.7 U	1.8 U	2.5 U	1.7 U	1.9 U
RSBN08-101912-02-H	19-Oct-12	0.84	1.4 U	1.6 U	2.1 U	1.4 U	1.7 U
RSBN08-101912-03-H	19-Oct-12	0.97	1.7 U	1.8 U	2.5 U	1.7 U	1.9 U
RSBN08-101912-03-H-D	19-Oct-12	0.89					
RSBN08-101912-04-H	19-Oct-12	0.56	1.6 U	1.7 U	2.3 U	1.6 U	1.8 U
RSBN08-101912-05-H	19-Oct-12	0.54	1.7 U	1.8 U	2.5 U	1.7 U	2 U
TSBN10-102012-01-H	20-Oct-12	0.093 =J	1.2 U	1.3 U	1.8 U	1.2 U	1.4 U
TSBN10-102012-02-H	20-Oct-12	0.08 =J	1.5 U	1.7 U	2.3 U	1.5 U	1.8 U
TSBN10-102012-02-H-D	20-Oct-12	0.093 =J					
TSBN10-102012-03-H	20-Oct-12	0.36	1.4 U	1.5 U	2 U	1.4 U	1.6 U
TSBN10-102012-04-H	20-Oct-12	0.029 =J	1.2 U	1.3 U	1.8 U	1.2 U	1.4 U
TSBN10-102012-05-H	20-Oct-12	0.058 =J	0.87 U	0.96 U	1.3 U	0.87 U	1 U
TSBN05-102212-01-H	22-Oct-12	0.027 =J	0.9 U	0.99 U	1.3 U	0.9 U	1 U
TSBN05-102212-02-H	22-Oct-12	0.02 U	24 U	14 U	16 U	20 U	13 U
TSBN05-102212-03-H	22-Oct-12	0.02 U	19 U	11 U	13 U	16 U	10 U
TSBN05-102212-03-H-D	22-Oct-12	0.02 U					
TSBN05-102212-04-H	22-Oct-12	0.41	22 U	13 U	15 U	18 U	12 U
TSBN05-102212-05-H	22-Oct-12	0.59	29 U	17 U	20 U	24 U	16 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,1-Dichloroethene [ug/kg]	1,1-Dichloroethene [ug/L]	1,1-Dichloropropene [ug/kg]	1,2,3-Trichlorobenzene [ug/kg]	1,2,3-Trichloropropane [ug/kg]
TSBN01-071612-01	16-Jul-12	25 UW	5.7 U	25 UW	25 UW	25 UW
TSBN02-071712-01	17-Jul-12	25 UW	5.7 U	25 UW	25 UW	25 UW
TSBN02-071812-01	18-Jul-12	25 UW	5.7 U	25 UW	25 UW	25 UW
TSBN03-072312-01	23-Jul-12	25 UW	5.7 U	25 UW	25 UW	25 UW
TSBN04-072412-01	24-Jul-12	25 UW	5.7 U	25 UW	25 UW	25 UW
TSBN05-072612-01	26-Jul-12	25 UW	5.7 U	25 UW	25 UW	25 UW
TSBN06-072712-01	27-Jul-12	25 UW	5.7 U	25 UW	25 UW	25 UW
TSBN07-072812-01	28-Jul-12	62.5 UW	5.7 U	62.5 UW	62.5 UW	62.5 UW
TSBN01-073112-01	31-Jul-12	25 UW	5.7 U	25 UW	25 UW	25 UW
TSBN08-073112-01	31-Jul-12	25 UW	5.7 U	25 UW	25 UW	25 UW
TSBN08-073112-02	31-Jul-12	25 UW	5.7 U	25 UW	25 UW	25 UW
TSBN06-100512-01-H	05-Oct-12	1.4 U	10 U	1.5 U	1.2 U	2.8 U
TSBN06-100512-02-H	05-Oct-12		10 U			
TSBN06-100512-03-H	05-Oct-12		10 U			
TSBN06-100512-04-H	05-Oct-12		10 U			
TSBN06-100512-05-H	05-Oct-12		10 U			
TSBN08-100512-01-H	05-Oct-12	1.1 U	10 U	1.2 U	0.98 U	2.2 U
TSBN08-100512-02-H	05-Oct-12		10 U			
TSBN08-100512-03-H	05-Oct-12		10 U			
TSBN08-100512-04-H	05-Oct-12		10 U			
TSBN08-100512-05-H	05-Oct-12		10 U			
TSBN09-100512-01-H	05-Oct-12	1.7 U	10 U	1.9 U	1.6 U	3.6 U
TSBN09-100512-02-H	05-Oct-12		10 U			
TSBN09-100512-03-H	05-Oct-12		10 U			
TSBN09-100512-04-H	05-Oct-12		10 U			
TSBN09-100512-05-H	05-Oct-12		10 U			
TSBN10-100512-01-H	05-Oct-12	41 U	10 U	46 U	47 U	76 U
TSBN10-100512-02-H	05-Oct-12		10 U			
TSBN10-100512-03-H	05-Oct-12		10 U			
TSBN10-100512-04-H	05-Oct-12		10 U			
TSBN10-100512-05-H	05-Oct-12		10 U			
TSBN01-100812-01-H	08-Oct-12		10 U			
TSBN01-100812-02-H	08-Oct-12	28 U	10 U	31 U	32 U	52 U
TSBN01-100812-03-H	08-Oct-12		10 U			
TSBN01-100812-04-H	08-Oct-12		10 U			
TSBN01-100812-05-H	08-Oct-12		10 U			
TSBN07-100812-01-H	08-Oct-12	31 U	10 U	35 U	35 U	58 U
TSBN07-100812-02-H	08-Oct-12		10 U			
TSBN07-100812-03-H	08-Oct-12		10 U			

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,1-Dichloroethene [ug/kg]	1,1-Dichloroethene [ug/L]	1,1-Dichloropropene [ug/kg]	1,2,3-Trichlorobenzene [ug/kg]	1,2,3-Trichloropropane [ug/kg]
TSBN07-100812-04-H	08-Oct-12		10 U			
TSBN07-100812-05-H	08-Oct-12		10 U			
TSBN04-100912-01-H	09-Oct-12	1.3 U	10 U	1.4 U	1.2 U	2.7 U
TSBN04-100912-02-H	09-Oct-12		10 U			
TSBN04-100912-03-H	09-Oct-12		10 U			
TSBN04-100912-04-H	09-Oct-12		10 U			
TSBN04-100912-05-H	09-Oct-12		10 U			
TSBN05-100912-01-H	09-Oct-12	1.3 U	10 U	1.5 U	1.2 U	2.7 U
TSBN05-100912-02-H	09-Oct-12		10 U			
TSBN05-100912-03-H	09-Oct-12		10 U			
TSBN05-100912-04-H	09-Oct-12		10 U			
TSBN05-100912-05-H	09-Oct-12		10 U			
TSBN03-101012-01-H	10-Oct-12	1.5 U	10 U	1.7 U	1.4 U	3.2 U
TSBN03-101012-02-H	10-Oct-12		10 U			
TSBN03-101012-03-H	10-Oct-12		10 U			
TSBN03-101012-04-H	10-Oct-12		10 U			
TSBN03-101012-05-H	10-Oct-12		10 U			
RSBN02-101112-01-H	11-Oct-12	1.3 U	10 U	1.5 U	1.2 U	2.7 U
RSBN02-101112-02-H	11-Oct-12	1.3 U	10 U	1.5 U	1.2 U	2.7 U
RSBN02-101112-03-H	11-Oct-12	1.3 U	10 U	1.5 U	1.2 U	2.8 U
RSBN02-101112-04-H	11-Oct-12	1.2 U	10 U	1.4 U	1.1 U	2.6 U
RSBN02-101112-05-H	11-Oct-12	1.5 U	10 U	1.7 U	1.4 U	3.2 U
RSBN02-101112-05-H-D	11-Oct-12	27 U	10 U	31 U	31 U	51 U
RSBN01-101212-01-H	12-Oct-12	1.1 U	10 U	1.3 U	1 U	2.3 U
RSBN01-101212-02-H	12-Oct-12	22 U	10 U	25 U	25 U	41 U
RSBN01-101212-02-H-D	12-Oct-12		10 U			
RSBN01-101212-03-H	12-Oct-12	1.5 U	10 U	1.6 U	1.4 U	3 U
RSBN01-101212-04-H	12-Oct-12	1.3 U	10 U	1.4 U	1.2 U	2.6 U
RSBN01-101212-05-H	12-Oct-12	1.3 U	10 U	1.4 U	1.2 U	2.7 U
RSBN07-101512-01-H	15-Oct-12	1.5 U	10 U	1.7 U	1.4 U	3.1 U
RSBN07-101512-02-H	15-Oct-12	1.4 U	10 U	1.6 U	1.3 U	2.9 U
RSBN07-101512-03-H	15-Oct-12	1.5 U	10 U	1.7 U	1.4 U	3.2 U
RSBN07-101512-04-H	15-Oct-12	1.9 U	10 U	2.1 U	1.7 U	3.9 U
RSBN07-101512-05-H	15-Oct-12	1.7 U	10 U	1.9 U	1.6 U	3.6 U
RSBN07-101512-05-H-D	15-Oct-12		10 U			
RSBN04-101712-01-H	17-Oct-12	1.3 U	10 U	1.4 U	1.2 U	2.6 U
RSBN04-101712-02-H	17-Oct-12	1.5 U	10 U	1.6 U	1.3 U	3 U
RSBN04-101712-02-H-D	17-Oct-12		10 U			
RSBN04-101712-03-H	17-Oct-12	1.3 U	10 U	1.5 U	1.2 U	2.7 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,1-Dichloroethene [ug/kg]	1,1-Dichloroethene [ug/L]	1,1-Dichloropropene [ug/kg]	1,2,3-Trichlorobenzene [ug/kg]	1,2,3-Trichloropropane [ug/kg]
RSBN04-101712-04-H	17-Oct-12	1.7 U	10 U	1.9 U	1.5 U	3.5 U
RSBN04-101712-05-H	17-Oct-12	1.3 U	10 U	1.4 U	1.2 U	2.6 U
RSBN08-101912-01-H	19-Oct-12	2 U	10 U	2.2 U	1.8 U	4.1 U
RSBN08-101912-02-H	19-Oct-12	1.7 U	10 U	1.9 U	1.6 U	3.5 U
RSBN08-101912-03-H	19-Oct-12	2 U	10 U	2.2 U	1.8 U	4.1 U
RSBN08-101912-03-H-D	19-Oct-12		10 U			
RSBN08-101912-04-H	19-Oct-12	1.8 U	10 U	2.1 U	1.7 U	3.8 U
RSBN08-101912-05-H	19-Oct-12	2 U	10 U	2.2 U	1.8 U	4.1 U
TSBN10-102012-01-H	20-Oct-12	1.4 U	10 U	1.6 U	1.3 U	2.9 U
TSBN10-102012-02-H	20-Oct-12	1.8 U	10 U	2 U	1.7 U	3.8 U
TSBN10-102012-02-H-D	20-Oct-12		10 U			
TSBN10-102012-03-H	20-Oct-12	1.6 U	10 U	1.8 U	1.5 U	3.4 U
TSBN10-102012-04-H	20-Oct-12	1.4 U	10 U	1.6 U	1.3 U	3 U
TSBN10-102012-05-H	20-Oct-12	1 U	10 U	1.2 U	0.95 U	2.1 U
TSBN05-102212-01-H	22-Oct-12	1.1 U	10 U	1.2 U	0.98 U	2.2 U
TSBN05-102212-02-H	22-Oct-12	21 U	10 U	24 U	24 U	40 U
TSBN05-102212-03-H	22-Oct-12	17 U	10 U	19 U	20 U	32 U
TSBN05-102212-03-H-D	22-Oct-12		10 U			
TSBN05-102212-04-H	22-Oct-12	20 U	10 U	22 U	22 U	37 U
TSBN05-102212-05-H	22-Oct-12	26 U	10 U	29 U	30 U	48 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,2,4-Trichlorobenzene [ug/kg]	1,2,4-Trimethylbenzene [ug/kg]	1,2-Dibromo-3-Chloropropane [ug/kg]	1,2-Dibromoethane [ug/kg]	1,2-Dibromoethane (Ethylene Dibromide) [ug/kg]
TSBN01-071612-01	16-Jul-12	25 UW	25 UW	82.3 UW		25 UW
TSBN02-071712-01	17-Jul-12	25 UW	25 UW	82.3 UW		25 UW
TSBN02-071812-01	18-Jul-12	25 UW	25 UW	82.3 UW		25 UW
TSBN03-072312-01	23-Jul-12	25 UW	25 UW	82.3 UW		25 UW
TSBN04-072412-01	24-Jul-12	25 UW	25 UW	82.3 UW		25 UW
TSBN05-072612-01	26-Jul-12	25 UW	25 UW	82.3 UW		25 UW
TSBN06-072712-01	27-Jul-12	25 UW	25 UW	82.3 UW		25 UW
TSBN07-072812-01	28-Jul-12	62.5 UW	62.5 UW	206 UW		62.5 UW
TSBN01-073112-01	31-Jul-12	25 UW	25 UW	82.3 UW		25 UW
TSBN08-073112-01	31-Jul-12	25 UW	25 UW	82.3 UW		25 UW
TSBN08-073112-02	31-Jul-12	25 UW	25 UW	82.3 UW		25 UW
TSBN06-100512-01-H	05-Oct-12	1.2 U	0.96 U	2.8 U	1.6 U	
TSBN06-100512-02-H	05-Oct-12					
TSBN06-100512-03-H	05-Oct-12					
TSBN06-100512-04-H	05-Oct-12					
TSBN06-100512-05-H	05-Oct-12					
TSBN08-100512-01-H	05-Oct-12	0.94 U	0.76 U	2.2 U	1.2 U	
TSBN08-100512-02-H	05-Oct-12					
TSBN08-100512-03-H	05-Oct-12					
TSBN08-100512-04-H	05-Oct-12					
TSBN08-100512-05-H	05-Oct-12					
TSBN09-100512-01-H	05-Oct-12	1.5 U	1.2 U	3.6 U	2 U	
TSBN09-100512-02-H	05-Oct-12					
TSBN09-100512-03-H	05-Oct-12					
TSBN09-100512-04-H	05-Oct-12					
TSBN09-100512-05-H	05-Oct-12					
TSBN10-100512-01-H	05-Oct-12	50 U	28 U	120 U	42 U	
TSBN10-100512-02-H	05-Oct-12					
TSBN10-100512-03-H	05-Oct-12					
TSBN10-100512-04-H	05-Oct-12					
TSBN10-100512-05-H	05-Oct-12					
TSBN01-100812-01-H	08-Oct-12					
TSBN01-100812-02-H	08-Oct-12	35 U	19 U	80 U	29 U	
TSBN01-100812-03-H	08-Oct-12					
TSBN01-100812-04-H	08-Oct-12					
TSBN01-100812-05-H	08-Oct-12					
TSBN07-100812-01-H	08-Oct-12	38 U	21 U	88 U	32 U	
TSBN07-100812-02-H	08-Oct-12					
TSBN07-100812-03-H	08-Oct-12					

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,2,4-Trichlorobenzene [ug/kg]	1,2,4-Trimethylbenzene [ug/kg]	1,2-Dibromo-3-Chloropropane [ug/kg]	1,2-Dibromoethane [ug/kg]	1,2-Dibromoethane (Ethylene Dibromide) [ug/kg]
TSBN07-100812-04-H	08-Oct-12					
TSBN07-100812-05-H	08-Oct-12					
TSBN04-100912-01-H	09-Oct-12	1.1 U	0.91 U	2.7 U	1.5 U	
TSBN04-100912-02-H	09-Oct-12					
TSBN04-100912-03-H	09-Oct-12					
TSBN04-100912-04-H	09-Oct-12					
TSBN04-100912-05-H	09-Oct-12					
TSBN05-100912-01-H	09-Oct-12	1.2 U	0.94 U	2.7 U	1.5 U	
TSBN05-100912-02-H	09-Oct-12					
TSBN05-100912-03-H	09-Oct-12					
TSBN05-100912-04-H	09-Oct-12					
TSBN05-100912-05-H	09-Oct-12					
TSBN03-101012-01-H	10-Oct-12	1.4 U	1.1 U	3.2 U	1.8 U	
TSBN03-101012-02-H	10-Oct-12					
TSBN03-101012-03-H	10-Oct-12					
TSBN03-101012-04-H	10-Oct-12					
TSBN03-101012-05-H	10-Oct-12					
RSBN02-101112-01-H	11-Oct-12	1.2 U	0.94 U	2.7 U	1.5 U	
RSBN02-101112-02-H	11-Oct-12	1.2 U	0.93 U	2.7 U	1.5 U	
RSBN02-101112-03-H	11-Oct-12	1.2 U	0.96 U	2.8 U	1.6 U	
RSBN02-101112-04-H	11-Oct-12	1.1 U	0.88 U	2.6 U	1.4 U	
RSBN02-101112-05-H	11-Oct-12	1.4 U	1.1 U	3.2 U	1.8 U	
RSBN02-101112-05-H-D	11-Oct-12	34 U	19 U	78 U	28 U	
RSBN01-101212-01-H	12-Oct-12	1 U	0.81 U	2.4 U	1.3 U	
RSBN01-101212-02-H	12-Oct-12	27 U	15 U	62 U	22 U	
RSBN01-101212-02-H-D	12-Oct-12					
RSBN01-101212-03-H	12-Oct-12	1.3 U	1 U	3.1 U	1.7 U	
RSBN01-101212-04-H	12-Oct-12	1.1 U	0.91 U	2.7 U	1.5 U	
RSBN01-101212-05-H	12-Oct-12	1.2 U	0.92 U	2.7 U	1.5 U	
RSBN07-101512-01-H	15-Oct-12	1.3 U	1.1 U	3.1 U	1.8 U	
RSBN07-101512-02-H	15-Oct-12	1.2 U	1 U	2.9 U	1.6 U	
RSBN07-101512-03-H	15-Oct-12	1.4 U	1.1 U	3.2 U	1.8 U	
RSBN07-101512-04-H	15-Oct-12	1.7 U	1.3 U	3.9 U	2.2 U	
RSBN07-101512-05-H	15-Oct-12	1.5 U	1.2 U	3.6 U	2 U	
RSBN07-101512-05-H-D	15-Oct-12					
RSBN04-101712-01-H	17-Oct-12	1.1 U	0.91 U	2.7 U	1.5 U	
RSBN04-101712-02-H	17-Oct-12	1.3 U	1 U	3 U	1.7 U	
RSBN04-101712-02-H-D	17-Oct-12					
RSBN04-101712-03-H	17-Oct-12	1.2 U	0.93 U	2.7 U	1.5 U	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,2,4-Trichlorobenzene [ug/kg]	1,2,4-Trimethylbenzene [ug/kg]	1,2-Dibromo-3-Chloropropane [ug/kg]	1,2-Dibromoethane [ug/kg]	1,2-Dibromoethane (Ethylene Dibromide) [ug/kg]
RSBN04-101712-04-H	17-Oct-12	1.5 U	1.2 U	3.5 U	2 U	
RSBN04-101712-05-H	17-Oct-12	1.1 U	0.9 U	2.6 U	1.5 U	
RSBN08-101912-01-H	19-Oct-12	1.7 U	1.4 U	4.1 U	2.3 U	
RSBN08-101912-02-H	19-Oct-12	1.5 U	1.2 U	3.6 U	2 U	
RSBN08-101912-03-H	19-Oct-12	1.8 U	1.4 U	4.1 U	2.3 U	
RSBN08-101912-03-H-D	19-Oct-12					
RSBN08-101912-04-H	19-Oct-12	1.6 U	1.3 U	3.8 U	2.2 U	
RSBN08-101912-05-H	19-Oct-12	1.8 U	1.4 U	4.1 U	2.3 U	
TSBN10-102012-01-H	20-Oct-12	1.2 U	1 U	2.9 U	1.6 U	
TSBN10-102012-02-H	20-Oct-12	1.6 U	1.3 U	3.8 U	2.1 U	
TSBN10-102012-02-H-D	20-Oct-12					
TSBN10-102012-03-H	20-Oct-12	1.5 U	1.2 U	3.4 U	1.9 U	
TSBN10-102012-04-H	20-Oct-12	1.3 U	1 U	3 U	1.7 U	
TSBN10-102012-05-H	20-Oct-12	0.92 U	0.74 U	2.2 U	1.2 U	
TSBN05-102212-01-H	22-Oct-12	0.95 U	0.76 U	2.2 U	1.2 U	
TSBN05-102212-02-H	22-Oct-12	26 U	15 U	61 U	22 U	
TSBN05-102212-03-H	22-Oct-12	21 U	12 U	49 U	18 U	
TSBN05-102212-03-H-D	22-Oct-12					
TSBN05-102212-04-H	22-Oct-12	24 U	13 U	56 U	20 U	
TSBN05-102212-05-H	22-Oct-12	32 U	18 U	74 U	27 U	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,2-Dichlorobenzene [ug/kg]	1,2-Dichloroethane [ug/kg]	1,2-Dichloroethane [ug/L]	1,2-Dichloropropane [ug/kg]	1,3,5-Trimethylbenzene [ug/kg]
TSBN01-071612-01	16-Jul-12	44.4 UW	25 UW	3.6 U	25 UW	
TSBN02-071712-01	17-Jul-12	44.4 UW	25 UW	3.6 U	25 UW	
TSBN02-071812-01	18-Jul-12	44.4 UW	25 UW	3.6 U	25 UW	
TSBN03-072312-01	23-Jul-12	44.4 UW	25 UW	3.6 U	25 UW	
TSBN04-072412-01	24-Jul-12	44.4 UW	25 UW	3.6 U	25 UW	
TSBN05-072612-01	26-Jul-12	128	25 UW	3.6 U	25 UW	
TSBN06-072712-01	27-Jul-12	104	25 UW	3.6 U	25 UW	
TSBN07-072812-01	28-Jul-12	111 UW	62.5 UW	3.6 U	62.5 UW	
TSBN01-073112-01	31-Jul-12	44.4 UW	25 UW	3.6 U	25 UW	
TSBN08-073112-01	31-Jul-12	64.4 J	25 UW	3.6 U	25 UW	
TSBN08-073112-02	31-Jul-12	44.4 UW	25 UW	3.6 U	25 UW	
TSBN06-100512-01-H	05-Oct-12	1 U	1.2 U	10 U	1.3 U	1.1 U
TSBN06-100512-02-H	05-Oct-12			10 U		
TSBN06-100512-03-H	05-Oct-12			10 U		
TSBN06-100512-04-H	05-Oct-12			10 U		
TSBN06-100512-05-H	05-Oct-12			10 U		
TSBN08-100512-01-H	05-Oct-12	4.4 =J	0.97 U	10 U	1 U	0.86 U
TSBN08-100512-02-H	05-Oct-12			10 U		
TSBN08-100512-03-H	05-Oct-12			10 U		
TSBN08-100512-04-H	05-Oct-12			10 U		
TSBN08-100512-05-H	05-Oct-12			10 U		
TSBN09-100512-01-H	05-Oct-12	10 =J	1.6 U	10 U	1.6 U	1.4 U
TSBN09-100512-02-H	05-Oct-12			10 U		
TSBN09-100512-03-H	05-Oct-12			10 U		
TSBN09-100512-04-H	05-Oct-12			10 U		
TSBN09-100512-05-H	05-Oct-12			10 U		
TSBN10-100512-01-H	05-Oct-12	100 =J	38 U	10 U	26 U	27 U
TSBN10-100512-02-H	05-Oct-12			10 U		
TSBN10-100512-03-H	05-Oct-12			10 U		
TSBN10-100512-04-H	05-Oct-12			10 U		
TSBN10-100512-05-H	05-Oct-12			10 U		
TSBN01-100812-01-H	08-Oct-12			10 U		
TSBN01-100812-02-H	08-Oct-12	19 U	26 U	10 U	18 U	19 U
TSBN01-100812-03-H	08-Oct-12			10 U		
TSBN01-100812-04-H	08-Oct-12			10 U		
TSBN01-100812-05-H	08-Oct-12			10 U		
TSBN07-100812-01-H	08-Oct-12	64 =J	29 U	10 U	20 U	21 U
TSBN07-100812-02-H	08-Oct-12			10 U		
TSBN07-100812-03-H	08-Oct-12			10 U		

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,2-Dichlorobenzene [ug/kg]	1,2-Dichloroethane [ug/kg]	1,2-Dichloroethane [ug/L]	1,2-Dichloropropane [ug/kg]	1,3,5-Trimethylbenzene [ug/kg]
TSBN07-100812-04-H	08-Oct-12			10 U		
TSBN07-100812-05-H	08-Oct-12			10 U		
TSBN04-100912-01-H	09-Oct-12	0.96 U	1.2 U	10 U	1.2 U	1 U
TSBN04-100912-02-H	09-Oct-12			10 U		
TSBN04-100912-03-H	09-Oct-12			10 U		
TSBN04-100912-04-H	09-Oct-12			10 U		
TSBN04-100912-05-H	09-Oct-12			10 U		
TSBN05-100912-01-H	09-Oct-12	8.9	1.2 U	10 U	1.2 U	1.1 U
TSBN05-100912-02-H	09-Oct-12			10 U		
TSBN05-100912-03-H	09-Oct-12			10 U		
TSBN05-100912-04-H	09-Oct-12			10 U		
TSBN05-100912-05-H	09-Oct-12			10 U		
TSBN03-101012-01-H	10-Oct-12	9.9	1.4 U	10 U	1.4 U	1.3 U
TSBN03-101012-02-H	10-Oct-12			10 U		
TSBN03-101012-03-H	10-Oct-12			10 U		
TSBN03-101012-04-H	10-Oct-12			10 U		
TSBN03-101012-05-H	10-Oct-12			10 U		
RSBN02-101112-01-H	11-Oct-12	0.98 U	1.2 U	10 U	1.2 U	1.1 U
RSBN02-101112-02-H	11-Oct-12	0.98 U	1.2 U	10 U	1.2 U	1.1 U
RSBN02-101112-03-H	11-Oct-12	5.9 =J	1.2 U	10 U	1.3 U	1.1 U
RSBN02-101112-04-H	11-Oct-12	8.8	1.1 U	10 U	1.2 U	1 U
RSBN02-101112-05-H	11-Oct-12	7.8 =J	1.4 U	10 U	1.4 U	1.3 U
RSBN02-101112-05-H-D	11-Oct-12	87 =J	26 U	10 U	18 U	18 U
RSBN01-101212-01-H	12-Oct-12	0.85 U	1 U	10 U	1.1 U	0.92 U
RSBN01-101212-02-H	12-Oct-12	15 U	20 U	10 U	14 U	15 U
RSBN01-101212-02-H-D	12-Oct-12			10 U		
RSBN01-101212-03-H	12-Oct-12	1.1 U	1.4 U	10 U	1.4 U	1.2 U
RSBN01-101212-04-H	12-Oct-12	0.96 U	1.2 U	10 U	1.2 U	1 U
RSBN01-101212-05-H	12-Oct-12	0.97 U	1.2 U	10 U	1.2 U	1.1 U
RSBN07-101512-01-H	15-Oct-12	1.1 U	1.4 U	10 U	1.4 U	1.2 U
RSBN07-101512-02-H	15-Oct-12	1 U	1.3 U	10 U	1.3 U	1.1 U
RSBN07-101512-03-H	15-Oct-12	1.2 U	1.4 U	10 U	1.5 U	1.3 U
RSBN07-101512-04-H	15-Oct-12	1.4 U	1.7 U	10 U	1.8 U	1.5 U
RSBN07-101512-05-H	15-Oct-12	1.3 U	1.6 U	10 U	1.6 U	1.4 U
RSBN07-101512-05-H-D	15-Oct-12			10 U		
RSBN04-101712-01-H	17-Oct-12	0.96 U	1.2 U	10 U	1.2 U	1 U
RSBN04-101712-02-H	17-Oct-12	1.1 U	1.3 U	10 U	1.4 U	1.2 U
RSBN04-101712-02-H-D	17-Oct-12			10 U		
RSBN04-101712-03-H	17-Oct-12	0.97 U	1.2 U	10 U	1.2 U	1.1 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,2-Dichlorobenzene [ug/kg]	1,2-Dichloroethane [ug/kg]	1,2-Dichloroethane [ug/L]	1,2-Dichloropropane [ug/kg]	1,3,5-Trimethylbenzene [ug/kg]
RSBN04-101712-04-H	17-Oct-12	1.3 U	1.5 U	10 U	1.6 U	1.4 U
RSBN04-101712-05-H	17-Oct-12	0.94 U	1.2 U	10 U	1.2 U	1 U
RSBN08-101912-01-H	19-Oct-12	1.5 U	1.8 U	10 U	1.8 U	1.6 U
RSBN08-101912-02-H	19-Oct-12	1.3 U	1.6 U	10 U	1.6 U	1.4 U
RSBN08-101912-03-H	19-Oct-12	1.5 U	1.8 U	10 U	1.9 U	1.6 U
RSBN08-101912-03-H-D	19-Oct-12			10 U		
RSBN08-101912-04-H	19-Oct-12	1.4 U	1.7 U	10 U	1.7 U	1.5 U
RSBN08-101912-05-H	19-Oct-12	1.5 U	1.8 U	10 U	1.9 U	1.6 U
TSBN10-102012-01-H	20-Oct-12	1 U	1.3 U	10 U	1.3 U	1.1 U
TSBN10-102012-02-H	20-Oct-12	1.4 U	1.7 U	10 U	1.7 U	1.5 U
TSBN10-102012-02-H-D	20-Oct-12			10 U		
TSBN10-102012-03-H	20-Oct-12	1.2 U	1.5 U	10 U	1.5 U	1.3 U
TSBN10-102012-04-H	20-Oct-12	1.1 U	1.3 U	10 U	1.4 U	1.2 U
TSBN10-102012-05-H	20-Oct-12	0.77 U	0.95 U	10 U	0.97 U	0.84 U
TSBN05-102212-01-H	22-Oct-12	0.8 U	0.98 U	10 U	1 U	0.87 U
TSBN05-102212-02-H	22-Oct-12	14 U	20 U	10 U	14 U	14 U
TSBN05-102212-03-H	22-Oct-12	12 U	16 U	10 U	11 U	12 U
TSBN05-102212-03-H-D	22-Oct-12			10 U		
TSBN05-102212-04-H	22-Oct-12	34 =J	18 U	10 U	12 U	13 U
TSBN05-102212-05-H	22-Oct-12	1900	24 U	10 U	17 U	17 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,3,5-Trimethylbenzene (Mesitylene) [ug/kg]	1,3-Dichlorobenzene [ug/kg]	1,3-Dichloropropane [ug/kg]	1,4-Dichlorobenzene [ug/kg]	1,4-Dichlorobenzene [ug/L]
TSBN01-071612-01	16-Jul-12	25 UW	25 UW	25 UW	25 UW	8.6 U
TSBN02-071712-01	17-Jul-12	25 UW	25 UW	25 UW	25 UW	17.2 UD3
TSBN02-071812-01	18-Jul-12	25 UW	25 UW	25 UW	25 UW	8.6 U
TSBN03-072312-01	23-Jul-12	25 UW	25 UW	25 UW	25 UW	8.6 U
TSBN04-072412-01	24-Jul-12	25 UW	25 UW	25 UW	25 UW	8.6 U
TSBN05-072612-01	26-Jul-12	25 UW	25 UW	25 UW	25 UW	8.6 U
TSBN06-072712-01	27-Jul-12	25 UW	25 UW	25 UW	25 UW	8.6 U
TSBN07-072812-01	28-Jul-12	62.5 UW	62.5 UW	62.5 UW	62.5 UW	8.6 U
TSBN01-073112-01	31-Jul-12	25 UW	25 UW	25 UW	25 UW	8.6 U
TSBN08-073112-01	31-Jul-12	25 UW	25 UW	25 UW	25 UW	8.6 U
TSBN08-073112-02	31-Jul-12	25 UW	25 UW	25 UW	25 UW	8.6 U
TSBN06-100512-01-H	05-Oct-12		1.1 U	0.98 U	1 U	50 U
TSBN06-100512-02-H	05-Oct-12					50 U
TSBN06-100512-03-H	05-Oct-12					50 U
TSBN06-100512-04-H	05-Oct-12					50 U
TSBN06-100512-05-H	05-Oct-12					50 U
TSBN08-100512-01-H	05-Oct-12		0.88 U	0.77 U	0.82 U	50 U
TSBN08-100512-02-H	05-Oct-12					50 U
TSBN08-100512-03-H	05-Oct-12					50 U
TSBN08-100512-04-H	05-Oct-12					50 U
TSBN08-100512-05-H	05-Oct-12					50 U
TSBN09-100512-01-H	05-Oct-12		1.4 U	1.3 U	1.3 U	50 U
TSBN09-100512-02-H	05-Oct-12					50 U
TSBN09-100512-03-H	05-Oct-12					50 U
TSBN09-100512-04-H	05-Oct-12					50 U
TSBN09-100512-05-H	05-Oct-12					50 U
TSBN10-100512-01-H	05-Oct-12		34 U	18 U	23 U	50 U
TSBN10-100512-02-H	05-Oct-12					50 U
TSBN10-100512-03-H	05-Oct-12					50 U
TSBN10-100512-04-H	05-Oct-12					50 U
TSBN10-100512-05-H	05-Oct-12					50 U
TSBN01-100812-01-H	08-Oct-12					50 U
TSBN01-100812-02-H	08-Oct-12		23 U	12 U	16 U	50 U
TSBN01-100812-03-H	08-Oct-12					50 U
TSBN01-100812-04-H	08-Oct-12					50 U
TSBN01-100812-05-H	08-Oct-12					50 U
TSBN07-100812-01-H	08-Oct-12		26 U	14 U	18 U	50 U
TSBN07-100812-02-H	08-Oct-12					50 U
TSBN07-100812-03-H	08-Oct-12					50 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,3,5-Trimethylbenzene (Mesitylene) [ug/kg]	1,3-Dichlorobenzene [ug/kg]	1,3-Dichloropropane [ug/kg]	1,4-Dichlorobenzene [ug/kg]	1,4-Dichlorobenzene [ug/L]
TSBN07-100812-04-H	08-Oct-12					50 U
TSBN07-100812-05-H	08-Oct-12					50 U
TSBN04-100912-01-H	09-Oct-12		1.1 U	0.93 U	0.99 U	50 U
TSBN04-100912-02-H	09-Oct-12					50 U
TSBN04-100912-03-H	09-Oct-12					50 U
TSBN04-100912-04-H	09-Oct-12					50 U
TSBN04-100912-05-H	09-Oct-12					50 U
TSBN05-100912-01-H	09-Oct-12		1.1 U	0.96 U	1 U	50 U
TSBN05-100912-02-H	09-Oct-12					50 U
TSBN05-100912-03-H	09-Oct-12					50 U
TSBN05-100912-04-H	09-Oct-12					50 U
TSBN05-100912-05-H	09-Oct-12					50 U
TSBN03-101012-01-H	10-Oct-12		1.3 U	1.1 U	1.2 U	50 U
TSBN03-101012-02-H	10-Oct-12					50 U
TSBN03-101012-03-H	10-Oct-12					50 U
TSBN03-101012-04-H	10-Oct-12					50 U
TSBN03-101012-05-H	10-Oct-12					50 U
RSBN02-101112-01-H	11-Oct-12		1.1 U	0.95 U	1 U	50 U
RSBN02-101112-02-H	11-Oct-12		1.1 U	0.95 U	1 U	50 U
RSBN02-101112-03-H	11-Oct-12		1.1 U	0.98 U	1 U	50 U
RSBN02-101112-04-H	11-Oct-12		1 U	0.9 U	0.96 U	50 U
RSBN02-101112-05-H	11-Oct-12		1.3 U	1.1 U	1.2 U	50 U
RSBN02-101112-05-H-D	11-Oct-12		23 U	12 U	16 U	50 U
RSBN01-101212-01-H	12-Oct-12		0.94 U	0.82 U	0.88 U	50 U
RSBN01-101212-02-H	12-Oct-12		18 U	9.6 U	12 U	50 U
RSBN01-101212-02-H-D	12-Oct-12					50 U
RSBN01-101212-03-H	12-Oct-12		1.2 U	1.1 U	1.1 U	50 U
RSBN01-101212-04-H	12-Oct-12		1.1 U	0.93 U	0.99 U	50 U
RSBN01-101212-05-H	12-Oct-12		1.1 U	0.94 U	1 U	50 U
RSBN07-101512-01-H	15-Oct-12		1.2 U	1.1 U	1.2 U	50 U
RSBN07-101512-02-H	15-Oct-12		1.2 U	1 U	1.1 U	50 U
RSBN07-101512-03-H	15-Oct-12		1.3 U	1.1 U	1.2 U	50 U
RSBN07-101512-04-H	15-Oct-12		1.6 U	1.4 U	1.5 U	50 U
RSBN07-101512-05-H	15-Oct-12		1.4 U	1.2 U	1.3 U	50 U
RSBN07-101512-05-H-D	15-Oct-12					50 U
RSBN04-101712-01-H	17-Oct-12		1.1 U	0.93 U	0.99 U	50 U
RSBN04-101712-02-H	17-Oct-12		1.2 U	1.1 U	1.1 U	50 U
RSBN04-101712-02-H-D	17-Oct-12					50 U
RSBN04-101712-03-H	17-Oct-12		1.1 U	0.94 U	1 U	50 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	1,3,5-Trimethylbenzene (Mesitylene) [ug/kg]	1,3-Dichlorobenzene [ug/kg]	1,3-Dichloropropane [ug/kg]	1,4-Dichlorobenzene [ug/kg]	1,4-Dichlorobenzene [ug/L]
RSBN04-101712-04-H	17-Oct-12		1.4 U	1.2 U	1.3 U	50 U
RSBN04-101712-05-H	17-Oct-12		1 U	0.92 U	0.98 U	50 U
RSBN08-101912-01-H	19-Oct-12		1.6 U	1.4 U	1.5 U	50 U
RSBN08-101912-02-H	19-Oct-12		1.4 U	1.2 U	1.3 U	50 U
RSBN08-101912-03-H	19-Oct-12		1.6 U	1.4 U	1.5 U	50 U
RSBN08-101912-03-H-D	19-Oct-12					50 U
RSBN08-101912-04-H	19-Oct-12		1.5 U	1.3 U	1.4 U	50 U
RSBN08-101912-05-H	19-Oct-12		1.6 U	1.4 U	1.5 U	50 U
TSBN10-102012-01-H	20-Oct-12		1.2 U	1 U	1.1 U	50 U
TSBN10-102012-02-H	20-Oct-12		1.5 U	1.3 U	1.4 U	50 U
TSBN10-102012-02-H-D	20-Oct-12					50 U
TSBN10-102012-03-H	20-Oct-12		1.3 U	1.2 U	1.3 U	50 U
TSBN10-102012-04-H	20-Oct-12		1.2 U	1 U	1.1 U	50 U
TSBN10-102012-05-H	20-Oct-12		0.86 U	0.75 U	0.8 U	50 U
TSBN05-102212-01-H	22-Oct-12		0.88 U	0.77 U	0.82 U	50 U
TSBN05-102212-02-H	22-Oct-12		18 U	9.4 U	12 U	50 U
TSBN05-102212-03-H	22-Oct-12		14 U	7.5 U	9.8 U	50 U
TSBN05-102212-03-H-D	22-Oct-12					50 U
TSBN05-102212-04-H	22-Oct-12		16 U	8.5 U	11 U	50 U
TSBN05-102212-05-H	22-Oct-12		22 U	11 U	660	50 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	2,2-Dichloropropane [ug/kg]	2,4,5-Trichlorophenol [ug/L]	2,4,6-Trichlorophenol [ug/L]	2,4-D [ug/L]	2,4-Dinitrotoluene [ug/L]	2-Butanone (MEK) [ug/kg]
TSBN01-071612-01	16-Jul-12	25 UW	10 U	10.7 U		8 U	
TSBN02-071712-01	17-Jul-12	25 UW	20 U	21.4 U		16.1 U	
TSBN02-071812-01	18-Jul-12	25 UW	10 U	10.7 U		8 U	
TSBN03-072312-01	23-Jul-12	25 UW	10 U	14.8 J		8 U	
TSBN04-072412-01	24-Jul-12	25 UW	10 U	14 J		8 U	
TSBN05-072612-01	26-Jul-12	25 UW	10 U	16.8 J		8 U	
TSBN06-072712-01	27-Jul-12	25 UW	10 U	20 J		8 U	
TSBN07-072812-01	28-Jul-12	62.5 UW	10 U	12.1 J		8 U	
TSBN01-073112-01	31-Jul-12	25 UW	10 U	18.4 J		8 U	
TSBN08-073112-01	31-Jul-12	25 UW	10 U	28.4 J		8 U	
TSBN08-073112-02	31-Jul-12	25 UW	10 U	24.8 J		8 U	
TSBN06-100512-01-H	05-Oct-12	1.5 U	250 U	50 U	50 U	50 U	83
TSBN06-100512-02-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN06-100512-03-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN06-100512-04-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN06-100512-05-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN08-100512-01-H	05-Oct-12	1.2 U	250 U	50 U	50 U	50 U	53
TSBN08-100512-02-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN08-100512-03-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN08-100512-04-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN08-100512-05-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN09-100512-01-H	05-Oct-12	1.9 U	250 U	50 U	50 U	50 U	53
TSBN09-100512-02-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN09-100512-03-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN09-100512-04-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN09-100512-05-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN10-100512-01-H	05-Oct-12	42 U	250 U	50 U	50 U	50 U	200 U
TSBN10-100512-02-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN10-100512-03-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN10-100512-04-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN10-100512-05-H	05-Oct-12		250 U	50 U	50 U	50 U	
TSBN01-100812-01-H	08-Oct-12		250 U	50 U	50 U	50 U	
TSBN01-100812-02-H	08-Oct-12	29 U	250 U	50 U	50 U	50 U	130 U
TSBN01-100812-03-H	08-Oct-12		250 U	50 U	50 U	50 U	
TSBN01-100812-04-H	08-Oct-12		250 U	50 U	50 U	50 U	
TSBN01-100812-05-H	08-Oct-12		250 U	50 U	50 U	50 U	
TSBN07-100812-01-H	08-Oct-12	32 U	250 U	50 U	50 U	50 U	150 U
TSBN07-100812-02-H	08-Oct-12		250 U	50 U	50 U	50 U	
TSBN07-100812-03-H	08-Oct-12		250 U	50 U	50 U	50 U	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	2,2-Dichloropropane [ug/kg]	2,4,5-Trichlorophenol [ug/L]	2,4,6-Trichlorophenol [ug/L]	2,4-D [ug/L]	2,4-Dinitrotoluene [ug/L]	2-Butanone (MEK) [ug/kg]
TSBN07-100812-04-H	08-Oct-12		250 U	50 U	50 U	50 U	
TSBN07-100812-05-H	08-Oct-12		250 U	50 U	50 U	50 U	
TSBN04-100912-01-H	09-Oct-12	1.4 U	250 U	50 U	50 U	50 U	2.9 U
TSBN04-100912-02-H	09-Oct-12		250 U	50 U	50 U	50 U	
TSBN04-100912-03-H	09-Oct-12		250 U	50 U	50 U	50 U	
TSBN04-100912-04-H	09-Oct-12		250 U	50 U	50 U	50 U	
TSBN04-100912-05-H	09-Oct-12		250 U	50 U	50 U	50 U	
TSBN05-100912-01-H	09-Oct-12	1.4 U	250 U	50 U	50 U	50 U	11
TSBN05-100912-02-H	09-Oct-12		250 U	50 U	50 U	50 U	
TSBN05-100912-03-H	09-Oct-12		250 U	50 U	50 U	50 U	
TSBN05-100912-04-H	09-Oct-12		250 U	50 U	50 U	50 U	
TSBN05-100912-05-H	09-Oct-12		250 U	50 U	50 U	50 U	
TSBN03-101012-01-H	10-Oct-12	1.7 U	250 U	50 U	50 U	50 U	44
TSBN03-101012-02-H	10-Oct-12		250 U	50 U	50 U	50 U	
TSBN03-101012-03-H	10-Oct-12		250 U	50 U	50 U	50 U	
TSBN03-101012-04-H	10-Oct-12		250 U	50 U	50 U	50 U	
TSBN03-101012-05-H	10-Oct-12		250 U	50 U	50 U	50 U	
RSBN02-101112-01-H	11-Oct-12	1.4 U	250 U	50 U	50 U	50 U	180
RSBN02-101112-02-H	11-Oct-12	1.4 U	250 U	50 U	50 U	50 U	170
RSBN02-101112-03-H	11-Oct-12	1.5 U	250 U	50 U	50 U	50 U	76
RSBN02-101112-04-H	11-Oct-12	1.4 U	250 U	50 U	50 U	50 U	120
RSBN02-101112-05-H	11-Oct-12	1.7 U	250 U	50 U	50 U	50 U	100
RSBN02-101112-05-H-D	11-Oct-12	28 U	250 U	50 U	50 U	50 U	130 U
RSBN01-101212-01-H	12-Oct-12	1.2 U	250 U	50 U	50 U	50 U	93
RSBN01-101212-02-H	12-Oct-12	23 U	250 U	50 U	50 U	50 U	100 U
RSBN01-101212-02-H-D	12-Oct-12		250 U	50 U	50 U	50 U	
RSBN01-101212-03-H	12-Oct-12	1.6 U	250 U	50 U	50 U	50 U	67
RSBN01-101212-04-H	12-Oct-12	1.4 U	250 U	50 U	50 U	50 U	38
RSBN01-101212-05-H	12-Oct-12	1.4 U	250 U	50 U	50 U	50 U	42
RSBN07-101512-01-H	15-Oct-12	1.6 U	250 U	50 U	50 U	50 U	100
RSBN07-101512-02-H	15-Oct-12	1.5 U	250 U	50 U	50 U	50 U	67
RSBN07-101512-03-H	15-Oct-12	1.7 U	250 U	50 U	50 U	50 U	92
RSBN07-101512-04-H	15-Oct-12	2.1 U	250 U	50 U	50 U	50 U	100
RSBN07-101512-05-H	15-Oct-12	1.9 U	250 U	50 U	50 U	50 U	76
RSBN07-101512-05-H-D	15-Oct-12		250 U	50 U	50 U	50 U	
RSBN04-101712-01-H	17-Oct-12	1.4 U	250 U	50 U	50 U	50 U	120
RSBN04-101712-02-H	17-Oct-12	1.6 U	250 U	50 U	50 U	50 U	130
RSBN04-101712-02-H-D	17-Oct-12		250 U	50 U	50 U	50 U	
RSBN04-101712-03-H	17-Oct-12	1.4 U	250 U	50 U	50 U	50 U	130

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	2,2-Dichloropropane [ug/kg]	2,4,5-Trichlorophenol [ug/L]	2,4,6-Trichlorophenol [ug/L]	2,4-D [ug/L]	2,4-Dinitrotoluene [ug/L]	2-Butanone (MEK) [ug/kg]
RSBN04-101712-04-H	17-Oct-12	1.8 U	250 U	50 U	50 U	50 U	66
RSBN04-101712-05-H	17-Oct-12	1.4 U	250 U	50 U	50 U	50 U	79
RSBN08-101912-01-H	19-Oct-12	2.1 U	250 U	50 U	50 U	50 U	300
RSBN08-101912-02-H	19-Oct-12	1.9 U	250 U	50 U	50 U	50 U	170
RSBN08-101912-03-H	19-Oct-12	2.2 U	250 U	50 U	50 U	50 U	240
RSBN08-101912-03-H-D	19-Oct-12		250 U	50 U	50 U	50 U	
RSBN08-101912-04-H	19-Oct-12	2 U	250 U	50 U	50 U	50 U	200
RSBN08-101912-05-H	19-Oct-12	2.2 U	250 U	50 U	50 U	50 U	260
TSBN10-102012-01-H	20-Oct-12	1.5 U	250 U	50 U	50 U	50 U	32
TSBN10-102012-02-H	20-Oct-12	2 U	250 U	50 U	50 U	50 U	47
TSBN10-102012-02-H-D	20-Oct-12		250 U	50 U	50 U	50 U	
TSBN10-102012-03-H	20-Oct-12	1.8 U	250 U	50 U	50 U	50 U	34
TSBN10-102012-04-H	20-Oct-12	1.6 U	250 U	50 U	50 U	50 U	3.2 U
TSBN10-102012-05-H	20-Oct-12	1.1 U	250 U	50 U	50 U	50 U	13
TSBN05-102212-01-H	22-Oct-12	1.2 U	250 U	50 U	50 U	50 U	46
TSBN05-102212-02-H	22-Oct-12	22 U	250 U	50 U	50 U	50 U	100 U
TSBN05-102212-03-H	22-Oct-12	18 U	250 U	50 U	50 U	50 U	83 U
TSBN05-102212-03-H-D	22-Oct-12		250 U	50 U	50 U	50 U	
TSBN05-102212-04-H	22-Oct-12	20 U	250 U	50 U	50 U	50 U	94 U
TSBN05-102212-05-H	22-Oct-12	27 U	250 U	50 U	50 U	50 U	120 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	2-Chlorotoluene [ug/kg]	2-Methylphenol [ug/L]	2-Methylphenol (o-CRESOL) [ug/L]	3 & 4 Methylphenol [ug/L]	3&4-Methylphenol (m&p Cresol) [ug/L]	4-Chlorotoluene [ug/kg]	Benzene [ug/kg]
TSBN01-071612-01	16-Jul-12	25 UW		9.7 U		7.7 U	25 UW	25 UW
TSBN02-071712-01	17-Jul-12	25 UW		19.5 U		15.3 U	25 UW	25 UW
TSBN02-071812-01	18-Jul-12	25 UW		9.7 U		7.7 U	25 UW	25 UW
TSBN03-072312-01	23-Jul-12	25 UW		9.7 U		7.7 U	25 UW	25 UW
TSBN04-072412-01	24-Jul-12	25 UW		9.7 U		7.7 U	25 UW	25 UW
TSBN05-072612-01	26-Jul-12	25 UW		9.7 U		7.7 U	25 UW	25 UW
TSBN06-072712-01	27-Jul-12	25 UW		9.7 U		7.7 U	25 UW	25 UW
TSBN07-072812-01	28-Jul-12	62.5 UW		9.7 U		7.7 U	62.5 UW	62.5 UW
TSBN01-073112-01	31-Jul-12	25 UW		9.7 U		7.7 U	25 UW	25 UW
TSBN08-073112-01	31-Jul-12	25 UW		9.7 U		7.7 U	25 UW	25 UW
TSBN08-073112-02	31-Jul-12	25 UW		9.7 U		7.7 U	25 UW	25 UW
TSBN06-100512-01-H	05-Oct-12	1 U	50 U		50 U		1.1 U	1.1 U
TSBN06-100512-02-H	05-Oct-12		50 U		50 U			
TSBN06-100512-03-H	05-Oct-12		50 U		50 U			
TSBN06-100512-04-H	05-Oct-12		50 U		50 U			
TSBN06-100512-05-H	05-Oct-12		50 U		50 U			
TSBN08-100512-01-H	05-Oct-12	0.81 U	50 U		50 U		0.88 U	0.9 U
TSBN08-100512-02-H	05-Oct-12		50 U		50 U			
TSBN08-100512-03-H	05-Oct-12		50 U		50 U			
TSBN08-100512-04-H	05-Oct-12		50 U		50 U			
TSBN08-100512-05-H	05-Oct-12		50 U		50 U			
TSBN09-100512-01-H	05-Oct-12	1.3 U	50 U		50 U		1.4 U	1.5 U
TSBN09-100512-02-H	05-Oct-12		50 U		50 U			
TSBN09-100512-03-H	05-Oct-12		50 U		50 U			
TSBN09-100512-04-H	05-Oct-12		50 U		50 U			
TSBN09-100512-05-H	05-Oct-12		50 U		50 U			
TSBN10-100512-01-H	05-Oct-12	28 U	50 U		50 U		26 U	9.9 U
TSBN10-100512-02-H	05-Oct-12		50 U		50 U			
TSBN10-100512-03-H	05-Oct-12		50 U		50 U			
TSBN10-100512-04-H	05-Oct-12		50 U		50 U			
TSBN10-100512-05-H	05-Oct-12		50 U		50 U			
TSBN01-100812-01-H	08-Oct-12		50 U		50 U			
TSBN01-100812-02-H	08-Oct-12	19 U	50 U		50 U		18 U	6.8 U
TSBN01-100812-03-H	08-Oct-12		50 U		50 U			
TSBN01-100812-04-H	08-Oct-12		50 U		50 U			
TSBN01-100812-05-H	08-Oct-12		50 U		50 U			
TSBN07-100812-01-H	08-Oct-12	21 U	50 U		50 U		20 U	26
TSBN07-100812-02-H	08-Oct-12		50 U		50 U			
TSBN07-100812-03-H	08-Oct-12		50 U		50 U			

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	2-Chlorotoluene [ug/kg]	2-Methylphenol [ug/L]	2-Methylphenol (o-CRESOL) [ug/L]	3 & 4 Methylphenol [ug/L]	3&4-Methylphenol (m&p Cresol) [ug/L]	4-Chlorotoluene [ug/kg]	Benzene [ug/kg]
TSBN07-100812-04-H	08-Oct-12		50 U		50 U			
TSBN07-100812-05-H	08-Oct-12		50 U		50 U			
TSBN04-100912-01-H	09-Oct-12	0.98 U	50 U		50 U		1.1 U	1.1 U
TSBN04-100912-02-H	09-Oct-12		50 U		50 U			
TSBN04-100912-03-H	09-Oct-12		50 U		50 U			
TSBN04-100912-04-H	09-Oct-12		50 U		50 U			
TSBN04-100912-05-H	09-Oct-12		50 U		50 U			
TSBN05-100912-01-H	09-Oct-12	1 U	50 U		50 U		1.1 U	1.1 U
TSBN05-100912-02-H	09-Oct-12		50 U		50 U			
TSBN05-100912-03-H	09-Oct-12		50 U		50 U			
TSBN05-100912-04-H	09-Oct-12		50 U		50 U			
TSBN05-100912-05-H	09-Oct-12		50 U		50 U			
TSBN03-101012-01-H	10-Oct-12	1.2 U	50 U		50 U		1.3 U	1.3 U
TSBN03-101012-02-H	10-Oct-12		50 U		50 U			
TSBN03-101012-03-H	10-Oct-12		50 U		50 U			
TSBN03-101012-04-H	10-Oct-12		50 U		50 U			
TSBN03-101012-05-H	10-Oct-12		50 U		50 U			
RSBN02-101112-01-H	11-Oct-12	1 U	50 U		50 U		1.1 U	1.1 U
RSBN02-101112-02-H	11-Oct-12	1 U	50 U		50 U		1.1 U	1.1 U
RSBN02-101112-03-H	11-Oct-12	1 U	50 U		50 U		1.1 U	1.1 U
RSBN02-101112-04-H	11-Oct-12	0.95 U	50 U		50 U		1 U	1.1 U
RSBN02-101112-05-H	11-Oct-12	1.2 U	50 U		50 U		1.3 U	1.3 U
RSBN02-101112-05-H-D	11-Oct-12	19 U	50 U		50 U		18 U	6.6 U
RSBN01-101212-01-H	12-Oct-12	0.87 U	50 U		50 U		0.94 U	0.96 U
RSBN01-101212-02-H	12-Oct-12	15 U	50 U		50 U		14 U	5.3 U
RSBN01-101212-02-H-D	12-Oct-12		50 U		50 U			
RSBN01-101212-03-H	12-Oct-12	1.1 U	50 U		50 U		1.2 U	1.2 U
RSBN01-101212-04-H	12-Oct-12	0.98 U	50 U		50 U		1.1 U	1.1 U
RSBN01-101212-05-H	12-Oct-12	0.99 U	50 U		50 U		1.1 U	1.1 U
RSBN07-101512-01-H	15-Oct-12	1.2 U	50 U		50 U		1.3 U	1.3 U
RSBN07-101512-02-H	15-Oct-12	1.1 U	50 U		50 U		1.2 U	1.2 U
RSBN07-101512-03-H	15-Oct-12	1.2 U	50 U		50 U		1.3 U	1.3 U
RSBN07-101512-04-H	15-Oct-12	1.4 U	50 U		50 U		1.6 U	1.6 U
RSBN07-101512-05-H	15-Oct-12	1.3 U	50 U		50 U		1.4 U	1.5 U
RSBN07-101512-05-H-D	15-Oct-12		50 U		50 U			
RSBN04-101712-01-H	17-Oct-12	0.98 U	50 U		50 U		1.1 U	1.1 U
RSBN04-101712-02-H	17-Oct-12	1.1 U	50 U		50 U		1.2 U	1.2 U
RSBN04-101712-02-H-D	17-Oct-12		50 U		50 U			
RSBN04-101712-03-H	17-Oct-12	1 U	50 U		50 U		1.1 U	1.1 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	2-Chlorotoluene [ug/kg]	2-Methylphenol [ug/L]	2-Methylphenol (o-CRESOL) [ug/L]	3 & 4 Methylphenol [ug/L]	3&4-Methylphenol (m&p Cresol) [ug/L]	4-Chlorotoluene [ug/kg]	Benzene [ug/kg]
RSBN04-101712-04-H	17-Oct-12	1.3 U	50 U		50 U		1.4 U	1.4 U
RSBN04-101712-05-H	17-Oct-12	0.97 U	50 U		50 U		1.1 U	1.1 U
RSBN08-101912-01-H	19-Oct-12	1.5 U	50 U		50 U		1.6 U	1.7 U
RSBN08-101912-02-H	19-Oct-12	1.3 U	50 U		50 U		1.4 U	1.5 U
RSBN08-101912-03-H	19-Oct-12	1.5 U	50 U		50 U		1.6 U	1.7 U
RSBN08-101912-03-H-D	19-Oct-12		50 U		50 U			
RSBN08-101912-04-H	19-Oct-12	1.4 U	50 U		50 U		1.5 U	1.6 U
RSBN08-101912-05-H	19-Oct-12	1.5 U	50 U		50 U		1.7 U	1.7 U
TSBN10-102012-01-H	20-Oct-12	1.1 U	50 U		50 U		1.2 U	1.2 U
TSBN10-102012-02-H	20-Oct-12	1.4 U	50 U		50 U		1.5 U	1.6 U
TSBN10-102012-02-H-D	20-Oct-12		50 U		50 U			
TSBN10-102012-03-H	20-Oct-12	1.2 U	50 U		50 U		1.4 U	1.4 U
TSBN10-102012-04-H	20-Oct-12	1.1 U	50 U		50 U		1.2 U	1.2 U
TSBN10-102012-05-H	20-Oct-12	0.79 U	50 U		50 U		0.86 U	0.88 U
TSBN05-102212-01-H	22-Oct-12	0.82 U	50 U		50 U		0.89 U	0.9 U
TSBN05-102212-02-H	22-Oct-12	14 U	50 U		50 U		14 U	5.2 U
TSBN05-102212-03-H	22-Oct-12	12 U	50 U		50 U		11 U	4.2 U
TSBN05-102212-03-H-D	22-Oct-12		50 U		50 U			
TSBN05-102212-04-H	22-Oct-12	13 U	50 U		50 U		13 U	4.7 U
TSBN05-102212-05-H	22-Oct-12	17 U	50 U		50 U		17 U	6.3 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Benzene [ug/L]	Bromobenzene [ug/kg]	Bromochloromethane [ug/kg]	Bromodichloromethane [ug/kg]	Bromoform [ug/kg]	Bromomethane [ug/kg]
TSBN01-071612-01	16-Jul-12	4.1 U	25 UW	25 UW	25 UW	25.9 UW	25 UW
TSBN02-071712-01	17-Jul-12	4.1 U	25 UW	25 UW	25 UW	25.9 UW	25 UW
TSBN02-071812-01	18-Jul-12	4.1 U	25 UW	25 UW	25 UW	25.9 UW	25 UW
TSBN03-072312-01	23-Jul-12	4.1 U	25 UW	25 UW	25 UW	25.9 UL2, W	25 UW
TSBN04-072412-01	24-Jul-12	76.4	25 UW	25 UW	25 UW	25.9 UL2, W	25 UW
TSBN05-072612-01	26-Jul-12	4.1 U	25 UW	25 UW	25 UW	25.9 UW	25 UW
TSBN06-072712-01	27-Jul-12	4.1 U	25 UW	25 UW	25 UW	25.9 UW	25 UW
TSBN07-072812-01	28-Jul-12	4.1 U	62.5 UW	62.5 UW	62.5 UW	64.7 UW	62.5 UW
TSBN01-073112-01	31-Jul-12	4.1 U	25 UW	25 UW	25 UW	25.9 UW	25 UW
TSBN08-073112-01	31-Jul-12	4.1 U	25 UW	25 UW	25 UW	25.9 UW	25 UW
TSBN08-073112-02	31-Jul-12	4.1 U	25 UW	25 UW	25 UW	25.9 UW	25 UW
TSBN06-100512-01-H	05-Oct-12	10 U	1 U	1.6 U	1.4 U	1.9 U	2.5 U
TSBN06-100512-02-H	05-Oct-12	10 U					
TSBN06-100512-03-H	05-Oct-12	10 U					
TSBN06-100512-04-H	05-Oct-12	10 U					
TSBN06-100512-05-H	05-Oct-12	10 U					
TSBN08-100512-01-H	05-Oct-12	10 U	0.82 U	1.3 U	1.1 U	1.5 U	2 U
TSBN08-100512-02-H	05-Oct-12	10 U					
TSBN08-100512-03-H	05-Oct-12	10 U					
TSBN08-100512-04-H	05-Oct-12	10 U					
TSBN08-100512-05-H	05-Oct-12	10 U					
TSBN09-100512-01-H	05-Oct-12	10 U	1.3 U	2.1 U	1.8 U	2.5 U	3.2 U
TSBN09-100512-02-H	05-Oct-12	10 U					
TSBN09-100512-03-H	05-Oct-12	10 U					
TSBN09-100512-04-H	05-Oct-12	10 U					
TSBN09-100512-05-H	05-Oct-12	10 U					
TSBN10-100512-01-H	05-Oct-12	10 U	57 U	50 U	45 U	59 U	91 U
TSBN10-100512-02-H	05-Oct-12	10 U					
TSBN10-100512-03-H	05-Oct-12	10 U					
TSBN10-100512-04-H	05-Oct-12	10 U					
TSBN10-100512-05-H	05-Oct-12	10 U					
TSBN01-100812-01-H	08-Oct-12	10 U					
TSBN01-100812-02-H	08-Oct-12	10 U	39 U	35 U	31 U	40 U	62 U
TSBN01-100812-03-H	08-Oct-12	10 U					
TSBN01-100812-04-H	08-Oct-12	10 U					
TSBN01-100812-05-H	08-Oct-12	10 U					
TSBN07-100812-01-H	08-Oct-12	10 U	43 U	38 U	34 U	45 U	69 U
TSBN07-100812-02-H	08-Oct-12	10 U					
TSBN07-100812-03-H	08-Oct-12	10 U					

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Benzene [ug/L]	Bromobenzene [ug/kg]	Bromochloromethane [ug/kg]	Bromodichloromethane [ug/kg]	Bromoform [ug/kg]	Bromomethane [ug/kg]
TSBN07-100812-04-H	08-Oct-12	10 U					
TSBN07-100812-05-H	08-Oct-12	10 U					
TSBN04-100912-01-H	09-Oct-12	10 U	0.99 U	1.5 U	1.4 U	1.8 U	2.4 U
TSBN04-100912-02-H	09-Oct-12	10 U					
TSBN04-100912-03-H	09-Oct-12	10 U					
TSBN04-100912-04-H	09-Oct-12	10 U					
TSBN04-100912-05-H	09-Oct-12	10 U					
TSBN05-100912-01-H	09-Oct-12	10 U	1 U	1.6 U	1.4 U	1.9 U	2.5 U
TSBN05-100912-02-H	09-Oct-12	10 U					
TSBN05-100912-03-H	09-Oct-12	10 U					
TSBN05-100912-04-H	09-Oct-12	10 U					
TSBN05-100912-05-H	09-Oct-12	10 U					
TSBN03-101012-01-H	10-Oct-12	10 U	1.2 U	1.8 U	1.6 U	2.2 U	2.9 U
TSBN03-101012-02-H	10-Oct-12	10 U					
TSBN03-101012-03-H	10-Oct-12	10 U					
TSBN03-101012-04-H	10-Oct-12	10 U					
TSBN03-101012-05-H	10-Oct-12	10 U					
RSBN02-101112-01-H	11-Oct-12	10 U	1 U	1.6 U	1.4 U	1.9 U	2.5 U
RSBN02-101112-02-H	11-Oct-12	10 U	1 U	1.6 U	1.4 U	1.9 U	2.5 U
RSBN02-101112-03-H	11-Oct-12	10 U	1 U	1.6 U	1.4 U	1.9 U	2.5 U
RSBN02-101112-04-H	11-Oct-12	10 U	0.96 U	1.5 U	1.3 U	1.8 U	2.3 U
RSBN02-101112-05-H	11-Oct-12	10 U	1.2 U	1.8 U	1.6 U	2.2 U	2.9 U
RSBN02-101112-05-H-D	11-Oct-12	10 U	38 U	34 U	30 U	39 U	61 U
RSBN01-101212-01-H	12-Oct-12	10 U	0.88 U	1.4 U	1.2 U	1.6 U	2.1 U
RSBN01-101212-02-H	12-Oct-12	10 U	30 U	27 U	24 U	31 U	49 U
RSBN01-101212-02-H-D	12-Oct-12	10 U					
RSBN01-101212-03-H	12-Oct-12	10 U	1.1 U	1.8 U	1.6 U	2.1 U	2.8 U
RSBN01-101212-04-H	12-Oct-12	10 U	0.99 U	1.5 U	1.4 U	1.8 U	2.4 U
RSBN01-101212-05-H	12-Oct-12	10 U	1 U	1.6 U	1.4 U	1.8 U	2.4 U
RSBN07-101512-01-H	15-Oct-12	10 U	1.2 U	1.8 U	1.6 U	2.1 U	2.8 U
RSBN07-101512-02-H	15-Oct-12	10 U	1.1 U	1.7 U	1.5 U	2 U	2.6 U
RSBN07-101512-03-H	15-Oct-12	10 U	1.2 U	1.9 U	1.6 U	2.2 U	2.9 U
RSBN07-101512-04-H	15-Oct-12	10 U	1.5 U	2.3 U	2 U	2.7 U	3.5 U
RSBN07-101512-05-H	15-Oct-12	10 U	1.3 U	2.1 U	1.8 U	2.4 U	3.2 U
RSBN07-101512-05-H-D	15-Oct-12	10 U					
RSBN04-101712-01-H	17-Oct-12	10 U	0.99 U	1.5 U	1.4 U	1.8 U	2.4 U
RSBN04-101712-02-H	17-Oct-12	10 U	1.1 U	1.7 U	1.6 U	2.1 U	2.7 U
RSBN04-101712-02-H-D	17-Oct-12	10 U					
RSBN04-101712-03-H	17-Oct-12	10 U	1 U	1.6 U	1.4 U	1.9 U	2.4 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Benzene [ug/L]	Bromobenzene [ug/kg]	Bromochloromethane [ug/kg]	Bromodichloromethane [ug/kg]	Bromoform [ug/kg]	Bromomethane [ug/kg]
RSBN04-101712-04-H	17-Oct-12	10 U	1.3 U	2 U	1.8 U	2.4 U	3.1 U
RSBN04-101712-05-H	17-Oct-12	10 U	0.98 U	1.5 U	1.3 U	1.8 U	2.4 U
RSBN08-101912-01-H	19-Oct-12	10 U	1.5 U	2.3 U	2.1 U	2.8 U	3.7 U
RSBN08-101912-02-H	19-Oct-12	10 U	1.3 U	2.1 U	1.8 U	2.4 U	3.2 U
RSBN08-101912-03-H	19-Oct-12	10 U	1.5 U	2.4 U	2.1 U	2.8 U	3.7 U
RSBN08-101912-03-H-D	19-Oct-12	10 U					
RSBN08-101912-04-H	19-Oct-12	10 U	1.4 U	2.2 U	2 U	2.6 U	3.5 U
RSBN08-101912-05-H	19-Oct-12	10 U	1.5 U	2.4 U	2.1 U	2.8 U	3.7 U
TSBN10-102012-01-H	20-Oct-12	10 U	1.1 U	1.7 U	1.5 U	2 U	2.6 U
TSBN10-102012-02-H	20-Oct-12	10 U	1.4 U	2.2 U	2 U	2.6 U	3.4 U
TSBN10-102012-02-H-D	20-Oct-12	10 U					
TSBN10-102012-03-H	20-Oct-12	10 U	1.3 U	2 U	1.7 U	2.3 U	3.1 U
TSBN10-102012-04-H	20-Oct-12	10 U	1.1 U	1.7 U	1.5 U	2.1 U	2.7 U
TSBN10-102012-05-H	20-Oct-12	10 U	0.8 U	1.2 U	1.1 U	1.5 U	1.9 U
TSBN05-102212-01-H	22-Oct-12	10 U	0.82 U	1.3 U	1.1 U	1.5 U	2 U
TSBN05-102212-02-H	22-Oct-12	10 U	30 U	26 U	24 U	31 U	48 U
TSBN05-102212-03-H	22-Oct-12	10 U	24 U	21 U	19 U	25 U	38 U
TSBN05-102212-03-H-D	22-Oct-12	10 U					
TSBN05-102212-04-H	22-Oct-12	10 U	27 U	24 U	22 U	28 U	43 U
TSBN05-102212-05-H	22-Oct-12	10 U	36 U	32 U	29 U	37 U	58 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Carbon tetrachloride [ug/kg]	Carbon tetrachloride [ug/L]	Chlordane [ug/L]	Chlordane (technical) [ug/L]	Chlorobenzene [ug/kg]	Chlorobenzene [ug/L]	Chloroethane [ug/kg]
TSBN01-071612-01	16-Jul-12	25 UW	4.9 U	1.8 U		25 UW	4.1 U	25 UW
TSBN02-071712-01	17-Jul-12	25 UW	4.9 U	1.8 U		25 UW	4.1 U	25 UW
TSBN02-071812-01	18-Jul-12	25 UW	4.9 U	1.8 U		25 UW	4.1 U	25 UW
TSBN03-072312-01	23-Jul-12	25 UW	4.9 U	1.8 U		25 UW	4.1 U	25 UW
TSBN04-072412-01	24-Jul-12	25 UW	4.9 U	1.8 U		25 UW	4.1 U	25 UW
TSBN05-072612-01	26-Jul-12	25 UW	4.9 U	1.8 U		25 UW	4.1 U	25 UW
TSBN06-072712-01	27-Jul-12	25 UW	4.9 U	1.8 U		25 UW	4.1 U	25 UW
TSBN07-072812-01	28-Jul-12	62.5 UW	4.9 U	1.8 U		62.5 UW	4.1 U	62.5 UW
TSBN01-073112-01	31-Jul-12	25 UW	4.9 U			25 UW	4.1 U	25 UW
TSBN08-073112-01	31-Jul-12	25 UW	4.9 U			25 UW	4.1 U	25 UW
TSBN08-073112-02	31-Jul-12	25 UW	4.9 U			25 UW	4.1 U	25 UW
TSBN06-100512-01-H	05-Oct-12	1.5 U	10 U		5 U	0.85 U	10 U	2.3 U
TSBN06-100512-02-H	05-Oct-12		10 U		5 U		10 U	
TSBN06-100512-03-H	05-Oct-12		10 U		5 U		10 U	
TSBN06-100512-04-H	05-Oct-12		10 U		5 U		10 U	
TSBN06-100512-05-H	05-Oct-12		10 U		5 U		10 U	
TSBN08-100512-01-H	05-Oct-12	1.2 U	10 U		5 U	0.67 U	10 U	1.8 U
TSBN08-100512-02-H	05-Oct-12		10 U		5 U		10 U	
TSBN08-100512-03-H	05-Oct-12		10 U		5 U		10 U	
TSBN08-100512-04-H	05-Oct-12		10 U		5 U		10 U	
TSBN08-100512-05-H	05-Oct-12		10 U		5 U		10 U	
TSBN09-100512-01-H	05-Oct-12	2 U	10 U		5 U	1.1 U	10 U	2.9 U
TSBN09-100512-02-H	05-Oct-12		10 U		5 U		10 U	
TSBN09-100512-03-H	05-Oct-12		10 U		5 U		10 U	
TSBN09-100512-04-H	05-Oct-12		10 U		5 U		10 U	
TSBN09-100512-05-H	05-Oct-12		10 U		5 U		10 U	
TSBN10-100512-01-H	05-Oct-12	34 U	10 U		5 U	19 U	10 U	58 U
TSBN10-100512-02-H	05-Oct-12		10 U		5 U		10 U	
TSBN10-100512-03-H	05-Oct-12		10 U		5 U		10 U	
TSBN10-100512-04-H	05-Oct-12		10 U		5 U		10 U	
TSBN10-100512-05-H	05-Oct-12		10 U		5 U		10 U	
TSBN01-100812-01-H	08-Oct-12		10 U		5 U		10 U	
TSBN01-100812-02-H	08-Oct-12	23 U	10 U		5 U	13 U	10 U	40 U
TSBN01-100812-03-H	08-Oct-12		10 U		5 U		10 U	
TSBN01-100812-04-H	08-Oct-12		10 U		5 U		10 U	
TSBN01-100812-05-H	08-Oct-12		10 U		5 U		10 U	
TSBN07-100812-01-H	08-Oct-12	26 U	10 U		5 U	74 =J	10 U	44 U
TSBN07-100812-02-H	08-Oct-12		10 U		5 U		10 U	
TSBN07-100812-03-H	08-Oct-12		10 U		5 U		10 U	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Carbon tetrachloride [ug/kg]	Carbon tetrachloride [ug/L]	Chlordane [ug/L]	Chlordane (technical) [ug/L]	Chlorobenzene [ug/kg]	Chlorobenzene [ug/L]	Chloroethane [ug/kg]
TSBN07-100812-04-H	08-Oct-12		10 U		5 U		10 U	
TSBN07-100812-05-H	08-Oct-12		10 U		5 U		10 U	
TSBN04-100912-01-H	09-Oct-12	1.4 U	10 U		5 U	0.81 U	10 U	2.2 U
TSBN04-100912-02-H	09-Oct-12		10 U		5 U		10 U	
TSBN04-100912-03-H	09-Oct-12		10 U		5 U		10 U	
TSBN04-100912-04-H	09-Oct-12		10 U		5 U		10 U	
TSBN04-100912-05-H	09-Oct-12		10 U		5 U		10 U	
TSBN05-100912-01-H	09-Oct-12	1.5 U	10 U		5 U	12	10 U	2.2 U
TSBN05-100912-02-H	09-Oct-12		10 U		5 U		10 U	
TSBN05-100912-03-H	09-Oct-12		10 U		5 U		10 U	
TSBN05-100912-04-H	09-Oct-12		10 U		5 U		10 U	
TSBN05-100912-05-H	09-Oct-12		10 U		5 U		10 U	
TSBN03-101012-01-H	10-Oct-12	1.7 U	10 U		5 U	14	10 U	2.6 U
TSBN03-101012-02-H	10-Oct-12		10 U		5 U		10 U	
TSBN03-101012-03-H	10-Oct-12		10 U		5 U		10 U	
TSBN03-101012-04-H	10-Oct-12		10 U		5 U		10 U	
TSBN03-101012-05-H	10-Oct-12		10 U		5 U		10 U	
RSBN02-101112-01-H	11-Oct-12	1.5 U	10 U		5 U	0.83 U	10 U	2.2 U
RSBN02-101112-02-H	11-Oct-12	1.5 U	10 U		5 U	0.82 U	10 U	2.2 U
RSBN02-101112-03-H	11-Oct-12	1.5 U	10 U		5 U	0.85 U	10 U	2.3 U
RSBN02-101112-04-H	11-Oct-12	1.4 U	10 U		5 U	3.8 =J	10 U	2.1 U
RSBN02-101112-05-H	11-Oct-12	1.7 U	10 U		5 U	3.5 =J	10 U	2.6 U
RSBN02-101112-05-H-D	11-Oct-12	23 U	10 U		5 U	74 =J	10 U	39 U
RSBN01-101212-01-H	12-Oct-12	1.3 U	10 U		5 U	0.71 U	10 U	1.9 U
RSBN01-101212-02-H	12-Oct-12	18 U	10 U		5 U	10 U	10 U	31 U
RSBN01-101212-02-H-D	12-Oct-12		10 U		5 U		10 U	
RSBN01-101212-03-H	12-Oct-12	1.7 U	10 U		5 U	0.92 U	10 U	2.5 U
RSBN01-101212-04-H	12-Oct-12	1.4 U	10 U		5 U	0.8 U	10 U	2.2 U
RSBN01-101212-05-H	12-Oct-12	1.5 U	10 U		5 U	0.81 U	10 U	2.2 U
RSBN07-101512-01-H	15-Oct-12	1.7 U	10 U		5 U	0.94 U	10 U	2.5 U
RSBN07-101512-02-H	15-Oct-12	1.6 U	10 U		5 U	0.88 U	10 U	2.4 U
RSBN07-101512-03-H	15-Oct-12	1.7 U	10 U		5 U	0.97 U	10 U	2.6 U
RSBN07-101512-04-H	15-Oct-12	2.1 U	10 U		5 U	1.2 U	10 U	3.2 U
RSBN07-101512-05-H	15-Oct-12	1.9 U	10 U		5 U	1.1 U	10 U	2.9 U
RSBN07-101512-05-H-D	15-Oct-12		10 U		5 U		10 U	
RSBN04-101712-01-H	17-Oct-12	1.4 U	10 U		5 U	2 =J	10 U	2.2 U
RSBN04-101712-02-H	17-Oct-12	1.6 U	10 U		5 U	5 =J	10 U	2.5 U
RSBN04-101712-02-H-D	17-Oct-12		10 U		5 U		10 U	
RSBN04-101712-03-H	17-Oct-12	1.5 U	10 U		5 U	0.82 U	10 U	2.2 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Carbon tetrachloride [ug/kg]	Carbon tetrachloride [ug/L]	Chlordane [ug/L]	Chlordane (technical) [ug/L]	Chlorobenzene [ug/kg]	Chlorobenzene [ug/L]	Chloroethane [ug/kg]
RSBN04-101712-04-H	17-Oct-12	1.9 U	10 U		5 U	1.1 U	10 U	2.8 U
RSBN04-101712-05-H	17-Oct-12	1.4 U	10 U		5 U	0.79 U	10 U	2.1 U
RSBN08-101912-01-H	19-Oct-12	2.2 U	10 U		5 U	1.2 U	10 U	3.3 U
RSBN08-101912-02-H	19-Oct-12	1.9 U	10 U		5 U	5.9 =J	10 U	2.9 U
RSBN08-101912-03-H	19-Oct-12	2.2 U	10 U		5 U	1.2 U	10 U	3.3 U
RSBN08-101912-03-H-D	19-Oct-12		10 U		5 U		10 U	
RSBN08-101912-04-H	19-Oct-12	2.1 U	10 U		5 U	1.2 U	10 U	3.1 U
RSBN08-101912-05-H	19-Oct-12	2.2 U	10 U		5 U	8.1 =J	10 U	3.4 U
TSBN10-102012-01-H	20-Oct-12	1.6 U	10 U		5 U	0.88 U	10 U	2.4 U
TSBN10-102012-02-H	20-Oct-12	2.1 U	10 U		5 U	1.1 U	10 U	3.1 U
TSBN10-102012-02-H-D	20-Oct-12		10 U		5 U		10 U	
TSBN10-102012-03-H	20-Oct-12	1.8 U	10 U		5 U	1 U	10 U	2.7 U
TSBN10-102012-04-H	20-Oct-12	1.6 U	10 U		5 U	0.91 U	10 U	2.4 U
TSBN10-102012-05-H	20-Oct-12	1.2 U	10 U		5 U	0.65 U	10 U	1.7 U
TSBN05-102212-01-H	22-Oct-12	1.2 U	10 U		5 U	0.67 U	10 U	1.8 U
TSBN05-102212-02-H	22-Oct-12	18 U	10 U		5 U	10 U	10 U	30 U
TSBN05-102212-03-H	22-Oct-12	14 U	10 U		5 U	8 U	10 U	24 U
TSBN05-102212-03-H-D	22-Oct-12		10 U		5 U		10 U	
TSBN05-102212-04-H	22-Oct-12	16 U	10 U		5 U	9.1 U	10 U	28 U
TSBN05-102212-05-H	22-Oct-12	22 U	10 U		5 U	2600	10 U	37 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Chloroform [ug/kg]	Chloroform [ug/L]	Chloromethane [ug/kg]	cis-1,2-Dichloroethene [ug/kg]	cis-1,2-Dichloroethylene [ug/kg]	cis-1,3-Dichloropropene [ug/kg]	Density g/cc
TSBN01-071612-01	16-Jul-12	25 UW	4.2 J	25 UW		25 UW	25 UW	
TSBN02-071712-01	17-Jul-12	25 UW	3.7 U	25 UW		25 UW	25 UW	
TSBN02-071812-01	18-Jul-12	527	6.6 J	25 UW		25 UW	25 UW	
TSBN03-072312-01	23-Jul-12	429	5.4 J	25 UW		25 UW	25 UW	
TSBN04-072412-01	24-Jul-12	10800	3.7 U	25 UW		25 UW	25 UW	
TSBN05-072612-01	26-Jul-12	57.1 J	22.4	25 UW		25 UW	25 UW	
TSBN06-072712-01	27-Jul-12	4740	21.8	25 UW		25 UW	25 UW	
TSBN07-072812-01	28-Jul-12	22100	889	62.5 UW		62.5 UW	62.5 UW	
TSBN01-073112-01	31-Jul-12	2390	314	25 UW		25 UW	25 UW	
TSBN08-073112-01	31-Jul-12	288	32.9	25 UW		25 UW	25 UW	
TSBN08-073112-02	31-Jul-12	815	13	25 UW		25 UW	25 UW	
TSBN06-100512-01-H	05-Oct-12	0.96 U	10 U	1.8 U	1.2 U		1.1 U	
TSBN06-100512-02-H	05-Oct-12		10 U					
TSBN06-100512-03-H	05-Oct-12		10 U					
TSBN06-100512-04-H	05-Oct-12		10 U					
TSBN06-100512-05-H	05-Oct-12		10 U					
TSBN08-100512-01-H	05-Oct-12	0.76 U	10 U	1.4 U	0.93 U		0.86 U	
TSBN08-100512-02-H	05-Oct-12		10 U					
TSBN08-100512-03-H	05-Oct-12		10 U					
TSBN08-100512-04-H	05-Oct-12		10 U					
TSBN08-100512-05-H	05-Oct-12		10 U					
TSBN09-100512-01-H	05-Oct-12	1.2 U	10 U	2.3 U	1.5 U		1.4 U	
TSBN09-100512-02-H	05-Oct-12		10 U					
TSBN09-100512-03-H	05-Oct-12		10 U					
TSBN09-100512-04-H	05-Oct-12		10 U					
TSBN09-100512-05-H	05-Oct-12		10 U					
TSBN10-100512-01-H	05-Oct-12	27 U	10 U	62 U	16 U		24 U	
TSBN10-100512-02-H	05-Oct-12		10 U					
TSBN10-100512-03-H	05-Oct-12		10 U					
TSBN10-100512-04-H	05-Oct-12		10 U					
TSBN10-100512-05-H	05-Oct-12		10 U					
TSBN01-100812-01-H	08-Oct-12		10 U					
TSBN01-100812-02-H	08-Oct-12	19 U	10 U	42 U	11 U		16 U	
TSBN01-100812-03-H	08-Oct-12		10 U					
TSBN01-100812-04-H	08-Oct-12		10 U					
TSBN01-100812-05-H	08-Oct-12		10 U					
TSBN07-100812-01-H	08-Oct-12	21 U	10 U	47 U	12 U		18 U	
TSBN07-100812-02-H	08-Oct-12		10 U					
TSBN07-100812-03-H	08-Oct-12		10 U					

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Chloroform [ug/kg]	Chloroform [ug/L]	Chloromethane [ug/kg]	cis-1,2-Dichloroethene [ug/kg]	cis-1,2-Dichloroethylene [ug/kg]	cis-1,3-Dichloropropene [ug/kg]	Density g/cc
TSBN07-100812-04-H	08-Oct-12		10 U					
TSBN07-100812-05-H	08-Oct-12		10 U					
TSBN04-100912-01-H	09-Oct-12	0.91 U	10 U	1.7 U	1.1 U		1 U	
TSBN04-100912-02-H	09-Oct-12		10 U					
TSBN04-100912-03-H	09-Oct-12		10 U					
TSBN04-100912-04-H	09-Oct-12		10 U					
TSBN04-100912-05-H	09-Oct-12		10 U					
TSBN05-100912-01-H	09-Oct-12	0.94 U	10 U	1.7 U	1.2 U		1.1 U	
TSBN05-100912-02-H	09-Oct-12		10 U					
TSBN05-100912-03-H	09-Oct-12		10 U					
TSBN05-100912-04-H	09-Oct-12		10 U					
TSBN05-100912-05-H	09-Oct-12		10 U					
TSBN03-101012-01-H	10-Oct-12	1.1 U	10 U	2 U	1.3 U		1.3 U	
TSBN03-101012-02-H	10-Oct-12		10 U					
TSBN03-101012-03-H	10-Oct-12		10 U					
TSBN03-101012-04-H	10-Oct-12		10 U					
TSBN03-101012-05-H	10-Oct-12		10 U					
RSBN02-101112-01-H	11-Oct-12	0.94 U	10 U	1.7 U	1.2 U		1.1 U	1.69
RSBN02-101112-02-H	11-Oct-12	3.4 =J	10 U	1.7 U	1.1 U		1.1 U	1.61
RSBN02-101112-03-H	11-Oct-12	3.5 =J	10 U	1.8 U	1.2 U		1.1 U	1.67
RSBN02-101112-04-H	11-Oct-12	4.4 =J	10 U	1.6 U	1.1 U		1 U	1.53
RSBN02-101112-05-H	11-Oct-12	3.5 =J	10 U	2 U	1.3 U		1.2 U	1.63
RSBN02-101112-05-H-D	11-Oct-12	18 U	10 U	41 U	11 U		16 U	1.69
RSBN01-101212-01-H	12-Oct-12	0.81 U	10 U	1.5 U	0.99 U		0.92 U	1.77
RSBN01-101212-02-H	12-Oct-12	15 U	10 U	33 U	8.8 U		13 U	1.76
RSBN01-101212-02-H-D	12-Oct-12		10 U					1.72
RSBN01-101212-03-H	12-Oct-12	1 U	10 U	1.9 U	1.3 U		1.2 U	1.71
RSBN01-101212-04-H	12-Oct-12	0.91 U	10 U	1.7 U	1.1 U		1 U	1.74
RSBN01-101212-05-H	12-Oct-12	0.92 U	10 U	1.7 U	1.1 U		1.1 U	1.62
RSBN07-101512-01-H	15-Oct-12	1.1 U	10 U	2 U	1.3 U		1.2 U	1.73
RSBN07-101512-02-H	15-Oct-12	1 U	10 U	1.8 U	1.2 U		1.1 U	1.74
RSBN07-101512-03-H	15-Oct-12	1.1 U	10 U	2 U	1.4 U		1.3 U	1.51
RSBN07-101512-04-H	15-Oct-12	1.3 U	10 U	2.4 U	1.6 U		1.5 U	1.45
RSBN07-101512-05-H	15-Oct-12	1.2 U	10 U	2.2 U	1.5 U		1.4 U	1.74
RSBN07-101512-05-H-D	15-Oct-12		10 U					1.68
RSBN04-101712-01-H	17-Oct-12	0.91 U	10 U	1.7 U	1.1 U		1 U	1.65
RSBN04-101712-02-H	17-Oct-12	1 U	10 U	1.9 U	1.3 U		1.2 U	1.65
RSBN04-101712-02-H-D	17-Oct-12		10 U					1.61
RSBN04-101712-03-H	17-Oct-12	0.93 U	10 U	1.7 U	1.1 U		1.1 U	1.74

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Chloroform [ug/kg]	Chloroform [ug/L]	Chloromethane [ug/kg]	cis-1,2-Dichloroethene [ug/kg]	cis-1,2-Dichloroethylene [ug/kg]	cis-1,3-Dichloropropene [ug/kg]	Density g/cc
RSBN04-101712-04-H	17-Oct-12	1.2 U	10 U	2.2 U	1.5 U		1.4 U	1.45
RSBN04-101712-05-H	17-Oct-12	0.9 U	10 U	1.6 U	1.1 U		1 U	1.71
RSBN08-101912-01-H	19-Oct-12	1.4 U	10 U	2.5 U	1.7 U		1.6 U	1.47
RSBN08-101912-02-H	19-Oct-12	1.2 U	10 U	2.2 U	1.5 U		1.4 U	1.49
RSBN08-101912-03-H	19-Oct-12	1.4 U	10 U	2.6 U	1.7 U		1.6 U	1.43
RSBN08-101912-03-H-D	19-Oct-12		10 U					1.46
RSBN08-101912-04-H	19-Oct-12	1.3 U	10 U	2.4 U	1.6 U		1.5 U	1.67
RSBN08-101912-05-H	19-Oct-12	1.4 U	10 U	2.6 U	1.7 U		1.6 U	1.48
TSBN10-102012-01-H	20-Oct-12	1 U	10 U	1.8 U	1.2 U		1.1 U	1.67
TSBN10-102012-02-H	20-Oct-12	1.3 U	10 U	2.4 U	1.6 U		1.5 U	1.6
TSBN10-102012-02-H-D	20-Oct-12		10 U					1.6
TSBN10-102012-03-H	20-Oct-12	1.2 U	10 U	2.1 U	1.4 U		1.3 U	1.56
TSBN10-102012-04-H	20-Oct-12	1 U	10 U	1.9 U	1.3 U		1.2 U	1.64
TSBN10-102012-05-H	20-Oct-12	0.74 U	10 U	1.3 U	0.91 U		0.84 U	1.68
TSBN05-102212-01-H	22-Oct-12	0.76 U	10 U	1.4 U	0.93 U		0.87 U	1.74
TSBN05-102212-02-H	22-Oct-12	14 U	10 U	32 U	8.6 U		12 U	1.73
TSBN05-102212-03-H	22-Oct-12	12 U	10 U	26 U	6.9 U		10 U	1.64
TSBN05-102212-03-H-D	22-Oct-12		10 U					1.65
TSBN05-102212-04-H	22-Oct-12	13 U	10 U	29 U	7.8 U		11 U	1.64
TSBN05-102212-05-H	22-Oct-12	17 U	10 U	39 U	10 U		15 U	1.58

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Dibromochloromethane [ug/kg]	Dibromomethane [ug/kg]	Dichlorodifluoromethane [ug/kg]	Diisopropyl ether [ug/kg]	Endrin [ug/L]
TSBN01-071612-01	16-Jul-12	25 UW	25 UW	25 UM1, W		0.24 U
TSBN02-071712-01	17-Jul-12	25 UW	25 UW	25 UW		0.24 U
TSBN02-071812-01	18-Jul-12	25 UW	25 UW	25 UW		0.24 U
TSBN03-072312-01	23-Jul-12	25 UW	25 UW	25 UW		0.24 U
TSBN04-072412-01	24-Jul-12	25 UW	25 UW	25 UW		0.24 U
TSBN05-072612-01	26-Jul-12	25 UW	25 UW	25 UW		0.24 U
TSBN06-072712-01	27-Jul-12	25 UW	25 UW	25 UW		0.24 U
TSBN07-072812-01	28-Jul-12	62.5 UW	62.5 UW	62.5 UW		0.24 U
TSBN01-073112-01	31-Jul-12	25 UW	25 UW	25 UW		
TSBN08-073112-01	31-Jul-12	25 UW	25 UW	25 UW		
TSBN08-073112-02	31-Jul-12	25 UW	25 UW	25 UW		
TSBN06-100512-01-H	05-Oct-12	1.5 U		2.4 U	1.1 U	2.5 U
TSBN06-100512-02-H	05-Oct-12					2.5 U
TSBN06-100512-03-H	05-Oct-12					2.5 U
TSBN06-100512-04-H	05-Oct-12					2.5 U
TSBN06-100512-05-H	05-Oct-12					2.5 U
TSBN08-100512-01-H	05-Oct-12	1.1 U		1.9 U	0.88 U	2.5 U
TSBN08-100512-02-H	05-Oct-12					2.5 U
TSBN08-100512-03-H	05-Oct-12					2.5 U
TSBN08-100512-04-H	05-Oct-12					2.5 U
TSBN08-100512-05-H	05-Oct-12					2.5 U
TSBN09-100512-01-H	05-Oct-12	1.9 U		3.1 U	1.4 U	2.5 U
TSBN09-100512-02-H	05-Oct-12					2.5 U
TSBN09-100512-03-H	05-Oct-12					2.5 U
TSBN09-100512-04-H	05-Oct-12					2.5 U
TSBN09-100512-05-H	05-Oct-12					2.5 U
TSBN10-100512-01-H	05-Oct-12	46 U		68 U	20 U	2.5 U
TSBN10-100512-02-H	05-Oct-12					2.5 U
TSBN10-100512-03-H	05-Oct-12					2.5 U
TSBN10-100512-04-H	05-Oct-12					2.5 U
TSBN10-100512-05-H	05-Oct-12					2.5 U
TSBN01-100812-01-H	08-Oct-12					2.5 U
TSBN01-100812-02-H	08-Oct-12	32 U		47 U	13 U	2.5 U
TSBN01-100812-03-H	08-Oct-12					2.5 U
TSBN01-100812-04-H	08-Oct-12					2.5 U
TSBN01-100812-05-H	08-Oct-12					2.5 U
TSBN07-100812-01-H	08-Oct-12	35 U		52 U	15 U	2.5 U
TSBN07-100812-02-H	08-Oct-12					2.5 U
TSBN07-100812-03-H	08-Oct-12					2.5 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Dibromochloromethane [ug/kg]	Dibromomethane [ug/kg]	Dichlorodifluoromethane [ug/kg]	Diisopropyl ether [ug/kg]	Endrin [ug/L]
TSBN07-100812-04-H	08-Oct-12					2.5 U
TSBN07-100812-05-H	08-Oct-12					2.5 U
TSBN04-100912-01-H	09-Oct-12	1.4 U		2.3 U	1.1 U	2.5 U
TSBN04-100912-02-H	09-Oct-12					2.5 U
TSBN04-100912-03-H	09-Oct-12					2.5 U
TSBN04-100912-04-H	09-Oct-12					2.5 U
TSBN04-100912-05-H	09-Oct-12					2.5 U
TSBN05-100912-01-H	09-Oct-12	1.4 U		2.3 U	1.1 U	2.5 U
TSBN05-100912-02-H	09-Oct-12					2.5 U
TSBN05-100912-03-H	09-Oct-12					2.5 U
TSBN05-100912-04-H	09-Oct-12					2.5 U
TSBN05-100912-05-H	09-Oct-12					2.5 U
TSBN03-101012-01-H	10-Oct-12	1.7 U		2.7 U	1.3 U	2.5 U
TSBN03-101012-02-H	10-Oct-12					2.5 U
TSBN03-101012-03-H	10-Oct-12					2.5 U
TSBN03-101012-04-H	10-Oct-12					2.5 U
TSBN03-101012-05-H	10-Oct-12					2.5 U
RSBN02-101112-01-H	11-Oct-12	1.4 U		2.3 U	1.1 U	2.5 U
RSBN02-101112-02-H	11-Oct-12	1.4 U		2.3 U	1.1 U	2.5 U
RSBN02-101112-03-H	11-Oct-12	1.5 U		2.4 U	1.1 U	2.5 U
RSBN02-101112-04-H	11-Oct-12	1.3 U		2.2 U	1 U	2.5 U
RSBN02-101112-05-H	11-Oct-12	1.7 U		2.7 U	1.3 U	2.5 U
RSBN02-101112-05-H-D	11-Oct-12	31 U		46 U	13 U	2.5 U
RSBN01-101212-01-H	12-Oct-12	1.2 U		2 U	0.94 U	2.5 U
RSBN01-101212-02-H	12-Oct-12	25 U		37 U	10 U	2.5 U
RSBN01-101212-02-H-D	12-Oct-12					2.5 U
RSBN01-101212-03-H	12-Oct-12	1.6 U		2.6 U	1.2 U	2.5 U
RSBN01-101212-04-H	12-Oct-12	1.4 U		2.3 U	1.1 U	2.5 U
RSBN01-101212-05-H	12-Oct-12	1.4 U		2.3 U	1.1 U	2.5 U
RSBN07-101512-01-H	15-Oct-12	1.6 U		2.7 U	1.3 U	2.5 U
RSBN07-101512-02-H	15-Oct-12	1.5 U		2.5 U	1.2 U	2.5 U
RSBN07-101512-03-H	15-Oct-12	1.7 U		2.7 U	1.3 U	2.5 U
RSBN07-101512-04-H	15-Oct-12	2 U		3.3 U	1.6 U	2.5 U
RSBN07-101512-05-H	15-Oct-12	1.9 U		3 U	1.4 U	2.5 U
RSBN07-101512-05-H-D	15-Oct-12					2.5 U
RSBN04-101712-01-H	17-Oct-12	1.4 U		2.3 U	1.1 U	2.5 U
RSBN04-101712-02-H	17-Oct-12	1.6 U		2.6 U	1.2 U	2.5 U
RSBN04-101712-02-H-D	17-Oct-12					2.5 U
RSBN04-101712-03-H	17-Oct-12	1.4 U		2.3 U	1.1 U	2.5 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Dibromochloromethane [ug/kg]	Dibromomethane [ug/kg]	Dichlorodifluoromethane [ug/kg]	Diisopropyl ether [ug/kg]	Endrin [ug/L]
RSBN04-101712-04-H	17-Oct-12	1.8 U		3 U	1.4 U	2.5 U
RSBN04-101712-05-H	17-Oct-12	1.4 U		2.2 U	1.1 U	2.5 U
RSBN08-101912-01-H	19-Oct-12	2.1 U		3.5 U	1.6 U	2.5 U
RSBN08-101912-02-H	19-Oct-12	1.8 U		3 U	1.4 U	2.5 U
RSBN08-101912-03-H	19-Oct-12	2.1 U		3.5 U	1.7 U	2.5 U
RSBN08-101912-03-H-D	19-Oct-12					2.5 U
RSBN08-101912-04-H	19-Oct-12	2 U		3.3 U	1.5 U	2.5 U
RSBN08-101912-05-H	19-Oct-12	2.1 U		3.5 U	1.7 U	2.5 U
TSBN10-102012-01-H	20-Oct-12	1.5 U		2.5 U	1.2 U	2.5 U
TSBN10-102012-02-H	20-Oct-12	2 U		3.2 U	1.5 U	2.5 U
TSBN10-102012-02-H-D	20-Oct-12					2.5 U
TSBN10-102012-03-H	20-Oct-12	1.8 U		2.9 U	1.4 U	2.5 U
TSBN10-102012-04-H	20-Oct-12	1.6 U		2.6 U	1.2 U	2.5 U
TSBN10-102012-05-H	20-Oct-12	1.1 U		1.8 U	0.86 U	2.5 U
TSBN05-102212-01-H	22-Oct-12	1.1 U		1.9 U	0.89 U	2.5 U
TSBN05-102212-02-H	22-Oct-12	24 U		36 U	10 U	2.5 U
TSBN05-102212-03-H	22-Oct-12	19 U		29 U	8.3 U	2.5 U
TSBN05-102212-03-H-D	22-Oct-12					2.5 U
TSBN05-102212-04-H	22-Oct-12	22 U		33 U	9.4 U	2.5 U
TSBN05-102212-05-H	22-Oct-12	29 U		43 U	12 U	2.5 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Ethylbenzene [ug/kg]	Flashpoint Deg F	FREE LIQUIDS	Gamma-BHC (Lindane) [ug/L]	Heptachlor [ug/L]	Heptachlor Epoxide [ug/L]	Hexachloro-1,3-butadiene [ug/kg]	Hexachlorobenzene [ug/L]
TSBN01-071612-01	16-Jul-12	25 UW	210 U	U	0.08 U		0.084 U		11.1 U
TSBN02-071712-01	17-Jul-12	25 UW	210 U	U	0.08 U		0.084 U		22.2 U
TSBN02-071812-01	18-Jul-12	25 UW	210 U	U	0.08 U		0.084 U		11.1 U
TSBN03-072312-01	23-Jul-12	25 UW	210 U	U	0.08 U		0.084 U		11.1 U
TSBN04-072412-01	24-Jul-12	25 UW	210 U	U	0.08 U		0.084 U		11.1 U
TSBN05-072612-01	26-Jul-12	25 UW	210 U	U	0.93		0.084 U		11.1 U
TSBN06-072712-01	27-Jul-12	25 UW	210 U	U	0.08 U		0.084 U		11.1 U
TSBN07-072812-01	28-Jul-12	62.5 UW	210 U	U	0.08 U		0.084 U		11.1 U
TSBN01-073112-01	31-Jul-12	25 UW	210 U	U					11.1 U
TSBN08-073112-01	31-Jul-12	25 UW	210 U	U					11.1 U
TSBN08-073112-02	31-Jul-12	25 UW	210 U	U					11.1 U
TSBN06-100512-01-H	05-Oct-12	1.7 U	176		2.5 U	2.5 U	2.5 U	1.9 U	50 U
TSBN06-100512-02-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN06-100512-03-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN06-100512-04-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN06-100512-05-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN08-100512-01-H	05-Oct-12	1.3 U	176		2.5 U	2.5 U	2.5 U	1.5 U	50 U
TSBN08-100512-02-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN08-100512-03-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN08-100512-04-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN08-100512-05-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN09-100512-01-H	05-Oct-12	31	176		2.5 U	2.5 U	2.5 U	2.4 U	50 U
TSBN09-100512-02-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN09-100512-03-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN09-100512-04-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN09-100512-05-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN10-100512-01-H	05-Oct-12	17 U	176		2.5 U	2.5 U	2.5 U	46 U	50 U
TSBN10-100512-02-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN10-100512-03-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN10-100512-04-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN10-100512-05-H	05-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN01-100812-01-H	08-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN01-100812-02-H	08-Oct-12	12 U	176		2.5 U	2.5 U	2.5 U	32 U	50 U
TSBN01-100812-03-H	08-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN01-100812-04-H	08-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN01-100812-05-H	08-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN07-100812-01-H	08-Oct-12	260	176		2.5 U	2.5 U	2.5 U	35 U	50 U
TSBN07-100812-02-H	08-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN07-100812-03-H	08-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Ethylbenzene [ug/kg]	Flashpoint Deg F	FREE LIQUIDS	Gamma-BHC (Lindane) [ug/L]	Heptachlor [ug/L]	Heptachlor Epoxide [ug/L]	Hexachloro-1,3-butadiene [ug/kg]	Hexachlorobenzene [ug/L]
TSBN07-100812-04-H	08-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN07-100812-05-H	08-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN04-100912-01-H	09-Oct-12	1.6 U	176		2.5 U	2.5 U	2.5 U	1.8 U	50 U
TSBN04-100912-02-H	09-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN04-100912-03-H	09-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN04-100912-04-H	09-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN04-100912-05-H	09-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN05-100912-01-H	09-Oct-12	1.7 U	176		2.5 U	2.5 U	2.5 U	1.9 U	50 U
TSBN05-100912-02-H	09-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN05-100912-03-H	09-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN05-100912-04-H	09-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN05-100912-05-H	09-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN03-101012-01-H	10-Oct-12	1.9 U	176		2.5 U	2.5 U	2.5 U	2.2 U	50 U
TSBN03-101012-02-H	10-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN03-101012-03-H	10-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN03-101012-04-H	10-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN03-101012-05-H	10-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
RSBN02-101112-01-H	11-Oct-12	1.6 U	176		2.5 U	2.5 U	2.5 U	1.9 U	50 U
RSBN02-101112-02-H	11-Oct-12	1.6 U	176		2.5 U	2.5 U	2.5 U	1.9 U	50 U
RSBN02-101112-03-H	11-Oct-12	1.7 U	176		2.5 U	2.5 U	2.5 U	1.9 U	50 U
RSBN02-101112-04-H	11-Oct-12	2.5 =J	176		2.5 U	2.5 U	2.5 U	1.8 U	50 U
RSBN02-101112-05-H	11-Oct-12	1.9 U	176		2.5 U	2.5 U	2.5 U	2.2 U	50 U
RSBN02-101112-05-H-D	11-Oct-12	13 =J	176		2.5 U	2.5 U	2.5 U	31 U	50 U
RSBN01-101212-01-H	12-Oct-12	1.4 U	176		2.5 U	2.5 U	2.5 U	1.6 U	50 U
RSBN01-101212-02-H	12-Oct-12	9 U	176		2.5 U	2.5 U	2.5 U	25 U	50 U
RSBN01-101212-02-H-D	12-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
RSBN01-101212-03-H	12-Oct-12	1.8 U	176		2.5 U	2.5 U	2.5 U	2.1 U	50 U
RSBN01-101212-04-H	12-Oct-12	1.6 U	176		2.5 U	2.5 U	2.5 U	1.8 U	50 U
RSBN01-101212-05-H	12-Oct-12	1.6 U	176		2.5 U	2.5 U	2.5 U	1.8 U	50 U
RSBN07-101512-01-H	15-Oct-12	1.9 U	176		2.5 U	2.5 U	2.5 U	2.1 U	50 U
RSBN07-101512-02-H	15-Oct-12	1.8 U	176		2.5 U	2.5 U	2.5 U	2 U	50 U
RSBN07-101512-03-H	15-Oct-12	1.9 U	176		2.5 U	2.5 U	2.5 U	2.2 U	50 U
RSBN07-101512-04-H	15-Oct-12	2.4 U	176		2.5 U	2.5 U	2.5 U	2.7 U	50 U
RSBN07-101512-05-H	15-Oct-12	2.2 U	176		2.5 U	2.5 U	2.5 U	2.4 U	50 U
RSBN07-101512-05-H-D	15-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
RSBN04-101712-01-H	17-Oct-12	1.6 U	176		2.5 U	2.5 U	2.5 U	1.8 U	50 U
RSBN04-101712-02-H	17-Oct-12	1.8 U	176		2.5 U	2.5 U	2.5 U	2.1 U	50 U
RSBN04-101712-02-H-D	17-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
RSBN04-101712-03-H	17-Oct-12	1.6 U	176		2.5 U	2.5 U	2.5 U	1.8 U	50 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Ethylbenzene [ug/kg]	Flashpoint Deg F	FREE LIQUIDS	Gamma-BHC (Lindane) [ug/L]	Heptachlor [ug/L]	Heptachlor Epoxide [ug/L]	Hexachloro-1,3-butadiene [ug/kg]	Hexachlorobenzene [ug/L]
RSBN04-101712-04-H	17-Oct-12	2.1 U	176		2.5 U	2.5 U	2.5 U	2.4 U	50 U
RSBN04-101712-05-H	17-Oct-12	1.6 U	176		2.5 U	2.5 U	2.5 U	1.8 U	50 U
RSBN08-101912-01-H	19-Oct-12	2.5 U	176		2.5 U	2.5 U	2.5 U	2.8 U	50 U
RSBN08-101912-02-H	19-Oct-12	2.1 U	176		2.5 U	2.5 U	2.5 U	2.4 U	50 U
RSBN08-101912-03-H	19-Oct-12	2.5 U	176		2.5 U	2.5 U	2.5 U	2.8 U	50 U
RSBN08-101912-03-H-D	19-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
RSBN08-101912-04-H	19-Oct-12	2.3 U	176		2.5 U	2.5 U	2.5 U	2.6 U	50 U
RSBN08-101912-05-H	19-Oct-12	2.5 U	176		2.5 U	2.5 U	2.5 U	2.8 U	50 U
TSBN10-102012-01-H	20-Oct-12	1.8 U	176		2.5 U	2.5 U	2.5 U	2 U	50 U
TSBN10-102012-02-H	20-Oct-12	2.3 U	176		2.5 U	2.5 U	2.5 U	2.6 U	50 U
TSBN10-102012-02-H-D	20-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN10-102012-03-H	20-Oct-12	2 U	176		2.5 U	2.5 U	2.5 U	2.3 U	50 U
TSBN10-102012-04-H	20-Oct-12	1.8 U	176		2.5 U	2.5 U	2.5 U	2 U	50 U
TSBN10-102012-05-H	20-Oct-12	1.3 U	176		2.5 U	2.5 U	2.5 U	1.5 U	50 U
TSBN05-102212-01-H	22-Oct-12	1.3 U	176		2.5 U	2.5 U	2.5 U	1.5 U	50 U
TSBN05-102212-02-H	22-Oct-12	8.8 U	176		2.5 U	2.5 U	2.5 U	24 U	50 U
TSBN05-102212-03-H	22-Oct-12	7.1 U	176		2.5 U	2.5 U	2.5 U	19 U	50 U
TSBN05-102212-03-H-D	22-Oct-12		176		2.5 U	2.5 U	2.5 U		50 U
TSBN05-102212-04-H	22-Oct-12	8 U	176		2.5 U	2.5 U	2.5 U	22 U	50 U
TSBN05-102212-05-H	22-Oct-12	11 U	176		2.5 U	2.5 U	2.5 U	29 U	50 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Hexachlorobutadiene [ug/kg]	Hexachlorobutadiene [ug/L]	Hexachloroethane [ug/L]	Isopropyl Ether [ug/kg]	Isopropylbenzene [ug/kg]
TSBN01-071612-01	16-Jul-12	26.4 UW	6.6 U	5.8 U	25 UW	
TSBN02-071712-01	17-Jul-12	26.4 UW	13.2 U	11.6 U	25 UW	
TSBN02-071812-01	18-Jul-12	26.4 UW	6.6 U	5.8 U	25 UW	
TSBN03-072312-01	23-Jul-12	26.4 UW	6.6 U	5.8 U	25 UW	
TSBN04-072412-01	24-Jul-12	26.4 UW	6.6 U	5.8 U	25 UW	
TSBN05-072612-01	26-Jul-12	26.4 UW	6.6 U	5.8 U	25 UW	
TSBN06-072712-01	27-Jul-12	26.4 UW	6.6 U	5.8 U	25 UW	
TSBN07-072812-01	28-Jul-12	66 UW	6.6 U	5.8 U	62.5 UW	
TSBN01-073112-01	31-Jul-12	26.4 UW	6.6 U	5.8 U	25 UW	
TSBN08-073112-01	31-Jul-12	26.4 UW	6.6 U	5.8 U	25 UW	
TSBN08-073112-02	31-Jul-12	26.4 UW	6.6 U	5.8 U	25 UW	
TSBN06-100512-01-H	05-Oct-12		50 U	50 U		0.98 U
TSBN06-100512-02-H	05-Oct-12		50 U	50 U		
TSBN06-100512-03-H	05-Oct-12		50 U	50 U		
TSBN06-100512-04-H	05-Oct-12		50 U	50 U		
TSBN06-100512-05-H	05-Oct-12		50 U	50 U		
TSBN08-100512-01-H	05-Oct-12		50 U	50 U		0.77 U
TSBN08-100512-02-H	05-Oct-12		50 U	50 U		
TSBN08-100512-03-H	05-Oct-12		50 U	50 U		
TSBN08-100512-04-H	05-Oct-12		50 U	50 U		
TSBN08-100512-05-H	05-Oct-12		50 U	50 U		
TSBN09-100512-01-H	05-Oct-12		50 U	50 U		1.3 U
TSBN09-100512-02-H	05-Oct-12		50 U	50 U		
TSBN09-100512-03-H	05-Oct-12		50 U	50 U		
TSBN09-100512-04-H	05-Oct-12		50 U	50 U		
TSBN09-100512-05-H	05-Oct-12		50 U	50 U		
TSBN10-100512-01-H	05-Oct-12		50 U	50 U		33 U
TSBN10-100512-02-H	05-Oct-12		50 U	50 U		
TSBN10-100512-03-H	05-Oct-12		50 U	50 U		
TSBN10-100512-04-H	05-Oct-12		50 U	50 U		
TSBN10-100512-05-H	05-Oct-12		50 U	50 U		
TSBN01-100812-01-H	08-Oct-12		50 U	50 U		
TSBN01-100812-02-H	08-Oct-12		50 U	50 U		23 U
TSBN01-100812-03-H	08-Oct-12		50 U	50 U		
TSBN01-100812-04-H	08-Oct-12		50 U	50 U		
TSBN01-100812-05-H	08-Oct-12		50 U	50 U		
TSBN07-100812-01-H	08-Oct-12		50 U	50 U		25 U
TSBN07-100812-02-H	08-Oct-12		50 U	50 U		
TSBN07-100812-03-H	08-Oct-12		50 U	50 U		

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Hexachlorobutadiene [ug/kg]	Hexachlorobutadiene [ug/L]	Hexachloroethane [ug/L]	Isopropyl Ether [ug/kg]	Isopropylbenzene [ug/kg]
TSBN07-100812-04-H	08-Oct-12		50 U	50 U		
TSBN07-100812-05-H	08-Oct-12		50 U	50 U		
TSBN04-100912-01-H	09-Oct-12		50 U	50 U		0.93 U
TSBN04-100912-02-H	09-Oct-12		50 U	50 U		
TSBN04-100912-03-H	09-Oct-12		50 U	50 U		
TSBN04-100912-04-H	09-Oct-12		50 U	50 U		
TSBN04-100912-05-H	09-Oct-12		50 U	50 U		
TSBN05-100912-01-H	09-Oct-12		50 U	50 U		0.96 U
TSBN05-100912-02-H	09-Oct-12		50 U	50 U		
TSBN05-100912-03-H	09-Oct-12		50 U	50 U		
TSBN05-100912-04-H	09-Oct-12		50 U	50 U		
TSBN05-100912-05-H	09-Oct-12		50 U	50 U		
TSBN03-101012-01-H	10-Oct-12		50 U	50 U		1.1 U
TSBN03-101012-02-H	10-Oct-12		50 U	50 U		
TSBN03-101012-03-H	10-Oct-12		50 U	50 U		
TSBN03-101012-04-H	10-Oct-12		50 U	50 U		
TSBN03-101012-05-H	10-Oct-12		50 U	50 U		
RSBN02-101112-01-H	11-Oct-12		50 U	50 U		0.95 U
RSBN02-101112-02-H	11-Oct-12		50 U	50 U		0.95 U
RSBN02-101112-03-H	11-Oct-12		50 U	50 U		0.98 U
RSBN02-101112-04-H	11-Oct-12		50 U	50 U		0.9 U
RSBN02-101112-05-H	11-Oct-12		50 U	50 U		1.1 U
RSBN02-101112-05-H-D	11-Oct-12		50 U	50 U		22 U
RSBN01-101212-01-H	12-Oct-12		50 U	50 U		0.82 U
RSBN01-101212-02-H	12-Oct-12		50 U	50 U		18 U
RSBN01-101212-02-H-D	12-Oct-12		50 U	50 U		
RSBN01-101212-03-H	12-Oct-12		50 U	50 U		1.1 U
RSBN01-101212-04-H	12-Oct-12		50 U	50 U		0.93 U
RSBN01-101212-05-H	12-Oct-12		50 U	50 U		0.94 U
RSBN07-101512-01-H	15-Oct-12		50 U	50 U		1.1 U
RSBN07-101512-02-H	15-Oct-12		50 U	50 U		1 U
RSBN07-101512-03-H	15-Oct-12		50 U	50 U		1.1 U
RSBN07-101512-04-H	15-Oct-12		50 U	50 U		1.4 U
RSBN07-101512-05-H	15-Oct-12		50 U	50 U		1.2 U
RSBN07-101512-05-H-D	15-Oct-12		50 U	50 U		
RSBN04-101712-01-H	17-Oct-12		50 U	50 U		0.93 U
RSBN04-101712-02-H	17-Oct-12		50 U	50 U		1.1 U
RSBN04-101712-02-H-D	17-Oct-12		50 U	50 U		
RSBN04-101712-03-H	17-Oct-12		50 U	50 U		0.94 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Hexachlorobutadiene [ug/kg]	Hexachlorobutadiene [ug/L]	Hexachloroethane [ug/L]	Isopropyl Ether [ug/kg]	Isopropylbenzene [ug/kg]
RSBN04-101712-04-H	17-Oct-12		50 U	50 U		1.2 U
RSBN04-101712-05-H	17-Oct-12		50 U	50 U		0.92 U
RSBN08-101912-01-H	19-Oct-12		50 U	50 U		1.4 U
RSBN08-101912-02-H	19-Oct-12		50 U	50 U		1.2 U
RSBN08-101912-03-H	19-Oct-12		50 U	50 U		1.4 U
RSBN08-101912-03-H-D	19-Oct-12		50 U	50 U		
RSBN08-101912-04-H	19-Oct-12		50 U	50 U		1.3 U
RSBN08-101912-05-H	19-Oct-12		50 U	50 U		1.4 U
TSBN10-102012-01-H	20-Oct-12		50 U	50 U		1 U
TSBN10-102012-02-H	20-Oct-12		50 U	50 U		1.3 U
TSBN10-102012-02-H-D	20-Oct-12		50 U	50 U		
TSBN10-102012-03-H	20-Oct-12		50 U	50 U		1.2 U
TSBN10-102012-04-H	20-Oct-12		50 U	50 U		1 U
TSBN10-102012-05-H	20-Oct-12		50 U	50 U		0.75 U
TSBN05-102212-01-H	22-Oct-12		50 U	50 U		0.77 U
TSBN05-102212-02-H	22-Oct-12		50 U	50 U		18 U
TSBN05-102212-03-H	22-Oct-12		50 U	50 U		14 U
TSBN05-102212-03-H-D	22-Oct-12		50 U	50 U		
TSBN05-102212-04-H	22-Oct-12		50 U	50 U		16 U
TSBN05-102212-05-H	22-Oct-12		50 U	50 U		21 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Isopropylbenzene (Cumene) [ug/kg]	m&p-Xylene [ug/kg]	M,P-Xylene (Sum of Isomers) [ug/kg]	Methoxychlor [ug/L]	Methyl Ethyl Ketone [ug/L]	Methyl Ethyl Ketone (2-Butanone) [ug/L]	Methyl tert-butyl ether [ug/kg]	Methylene Chloride [ug/kg]
TSBN01-071612-01	16-Jul-12	25 UW		50 UW	0.89 U		43 U		25 UW
TSBN02-071712-01	17-Jul-12	25 UW		50 UW	0.89 U		43 U		25 UW
TSBN02-071812-01	18-Jul-12	25 UW		50 UW	0.89 U		43 U		348
TSBN03-072312-01	23-Jul-12	25 UW		50 UW	0.89 U		43 U		317 B
TSBN04-072412-01	24-Jul-12	25 UW		50 UW	0.89 U		43 U		1950
TSBN05-072612-01	26-Jul-12	25 UW		50 UW	0.89 U		43 U		112
TSBN06-072712-01	27-Jul-12	25 UW		50 UW	0.89 U		43 U		1970
TSBN07-072812-01	28-Jul-12	62.5 UW		125 UW	0.89 U		43 U		171 JB
TSBN01-073112-01	31-Jul-12	25 UW		50 UW			43 U		297 B
TSBN08-073112-01	31-Jul-12	25 UW		50 UW			43 U		1710 B
TSBN08-073112-02	31-Jul-12	25 UW		50 UW			43 U		905 B
TSBN06-100512-01-H	05-Oct-12		2.1 U		5 U	50 U		1.4 U	2.3 U
TSBN06-100512-02-H	05-Oct-12				5 U	50 U			
TSBN06-100512-03-H	05-Oct-12				5 U	50 U			
TSBN06-100512-04-H	05-Oct-12				5 U	50 U			
TSBN06-100512-05-H	05-Oct-12				5 U	50 U			
TSBN08-100512-01-H	05-Oct-12		1.6 U		5 U	50 U		1.1 U	1.8 U
TSBN08-100512-02-H	05-Oct-12				5 U	50 U			
TSBN08-100512-03-H	05-Oct-12				5 U	50 U			
TSBN08-100512-04-H	05-Oct-12				5 U	50 U			
TSBN08-100512-05-H	05-Oct-12				5 U	50 U			
TSBN09-100512-01-H	05-Oct-12		130		5 U	50 U		1.8 U	15
TSBN09-100512-02-H	05-Oct-12				5 U	50 U			
TSBN09-100512-03-H	05-Oct-12				5 U	50 U			
TSBN09-100512-04-H	05-Oct-12				5 U	50 U			
TSBN09-100512-05-H	05-Oct-12				5 U	50 U			
TSBN10-100512-01-H	05-Oct-12		77		5 U	50 U		57 U	91 U
TSBN10-100512-02-H	05-Oct-12				5 U	50 U			
TSBN10-100512-03-H	05-Oct-12				5 U	50 U			
TSBN10-100512-04-H	05-Oct-12				5 U	50 U			
TSBN10-100512-05-H	05-Oct-12				5 U	50 U			
TSBN01-100812-01-H	08-Oct-12				5 U	50 U			
TSBN01-100812-02-H	08-Oct-12		15 U		5 U	50 U		39 U	62 U
TSBN01-100812-03-H	08-Oct-12				5 U	50 U			
TSBN01-100812-04-H	08-Oct-12				5 U	50 U			
TSBN01-100812-05-H	08-Oct-12				5 U	50 U			
TSBN07-100812-01-H	08-Oct-12		910		5 U	50 U		44 U	69 U
TSBN07-100812-02-H	08-Oct-12				5 U	50 U			
TSBN07-100812-03-H	08-Oct-12				5 U	50 U			

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Isopropylbenzene (Cumene) [ug/kg]	m&p-Xylene [ug/kg]	M,P-Xylene (Sum of Isomers) [ug/kg]	Methoxychlor [ug/L]	Methyl Ethyl Ketone [ug/L]	Methyl Ethyl Ketone (2-Butanone) [ug/L]	Methyl tert-butyl ether [ug/kg]	Methylene Chloride [ug/kg]
TSBN07-100812-04-H	08-Oct-12				5 U	50 U			
TSBN07-100812-05-H	08-Oct-12				5 U	50 U			
TSBN04-100912-01-H	09-Oct-12		2 U		5 U	50 U		1.3 U	2.1 U
TSBN04-100912-02-H	09-Oct-12				5 U	50 U			
TSBN04-100912-03-H	09-Oct-12				5 U	50 U			
TSBN04-100912-04-H	09-Oct-12				5 U	50 U			
TSBN04-100912-05-H	09-Oct-12				5 U	50 U			
TSBN05-100912-01-H	09-Oct-12		2 U		5 U	50 U		1.3 U	2.2 U
TSBN05-100912-02-H	09-Oct-12				5 U	50 U			
TSBN05-100912-03-H	09-Oct-12				5 U	50 U			
TSBN05-100912-04-H	09-Oct-12				5 U	50 U			
TSBN05-100912-05-H	09-Oct-12				5 U	50 U			
TSBN03-101012-01-H	10-Oct-12		2.3 U		5 U	50 U		1.6 U	2.6 U
TSBN03-101012-02-H	10-Oct-12				5 U	50 U			
TSBN03-101012-03-H	10-Oct-12				5 U	50 U			
TSBN03-101012-04-H	10-Oct-12				5 U	50 U			
TSBN03-101012-05-H	10-Oct-12				5 U	50 U			
RSBN02-101112-01-H	11-Oct-12		3.7 =J		5 U	50 U		1.3 U	2.2 U
RSBN02-101112-02-H	11-Oct-12		3.9 =J		5 U	50 U		1.3 U	2.2 U
RSBN02-101112-03-H	11-Oct-12		6.2 =J		5 U	50 U		1.4 U	2.3 U
RSBN02-101112-04-H	11-Oct-12		10 =J		5 U	50 U		1.3 U	2.1 U
RSBN02-101112-05-H	11-Oct-12		8.6 =J		5 U	50 U		1.6 U	2.6 U
RSBN02-101112-05-H-D	11-Oct-12		42 =J		5 U	50 U		39 U	61 U
RSBN01-101212-01-H	12-Oct-12		1.7 U		5 U	50 U		1.2 U	1.9 U
RSBN01-101212-02-H	12-Oct-12		11 U		5 U	50 U		31 U	49 U
RSBN01-101212-02-H-D	12-Oct-12				5 U	50 U			
RSBN01-101212-03-H	12-Oct-12		2.2 U		5 U	50 U		1.5 U	2.5 U
RSBN01-101212-04-H	12-Oct-12		2 U		5 U	50 U		1.3 U	2.1 U
RSBN01-101212-05-H	12-Oct-12		2 U		5 U	50 U		1.3 U	2.2 U
RSBN07-101512-01-H	15-Oct-12		2.3 U		5 U	50 U		1.5 U	2.5 U
RSBN07-101512-02-H	15-Oct-12		2.1 U		5 U	50 U		1.4 U	2.3 U
RSBN07-101512-03-H	15-Oct-12		2.4 U		5 U	50 U		1.6 U	11
RSBN07-101512-04-H	15-Oct-12		2.9 U		5 U	50 U		1.9 U	3.1 U
RSBN07-101512-05-H	15-Oct-12		2.6 U		5 U	50 U		1.8 U	2.9 U
RSBN07-101512-05-H-D	15-Oct-12				5 U	50 U			
RSBN04-101712-01-H	17-Oct-12		3.5 =J		5 U	50 U		1.3 U	2.1 U
RSBN04-101712-02-H	17-Oct-12		4.2 =J		5 U	50 U		1.5 U	15
RSBN04-101712-02-H-D	17-Oct-12				5 U	50 U			
RSBN04-101712-03-H	17-Oct-12		3 =J		5 U	50 U		1.3 U	18

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Isopropylbenzene (Cumene) [ug/kg]	m&p-Xylene [ug/kg]	M,P-Xylene (Sum of Isomers) [ug/kg]	Methoxychlor [ug/L]	Methyl Ethyl Ketone [ug/L]	Methyl Ethyl Ketone (2-Butanone) [ug/L]	Methyl tert-butyl ether [ug/kg]	Methylene Chloride [ug/kg]
RSBN04-101712-04-H	17-Oct-12		4.4 =J		5 U	50 U		1.7 U	73
RSBN04-101712-05-H	17-Oct-12		4.6 =J		5 U	50 U		1.3 U	12
RSBN08-101912-01-H	19-Oct-12		3 U		5 U	50 U		2 U	18
RSBN08-101912-02-H	19-Oct-12		2.6 U		5 U	50 U		1.8 U	2.9 U
RSBN08-101912-03-H	19-Oct-12		3 U		5 U	50 U		2 U	3.3 U
RSBN08-101912-03-H-D	19-Oct-12				5 U	50 U			
RSBN08-101912-04-H	19-Oct-12		2.8 U		5 U	50 U		1.9 U	3.1 U
RSBN08-101912-05-H	19-Oct-12		3 U		5 U	50 U		2 U	3.3 U
TSBN10-102012-01-H	20-Oct-12		2.1 U		5 U	50 U		1.4 U	2.3 U
TSBN10-102012-02-H	20-Oct-12		2.8 U		5 U	50 U		1.9 U	3.1 U
TSBN10-102012-02-H-D	20-Oct-12				5 U	50 U			
TSBN10-102012-03-H	20-Oct-12		2.5 U		5 U	50 U		1.7 U	2.7 U
TSBN10-102012-04-H	20-Oct-12		2.2 U		5 U	50 U		1.5 U	2.4 U
TSBN10-102012-05-H	20-Oct-12		1.6 U		5 U	50 U		1.1 U	1.7 U
TSBN05-102212-01-H	22-Oct-12		1.6 U		5 U	50 U		1.1 U	1.8 U
TSBN05-102212-02-H	22-Oct-12		18 =J		5 U	50 U		30 U	48 U
TSBN05-102212-03-H	22-Oct-12		25 =J		5 U	50 U		24 U	38 U
TSBN05-102212-03-H-D	22-Oct-12				5 U	50 U			
TSBN05-102212-04-H	22-Oct-12		18 =J		5 U	50 U		27 U	44 U
TSBN05-102212-05-H	22-Oct-12		21 =J		5 U	50 U		36 U	58 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Naphthalene [ug/kg]	n-Butylbenzene [ug/kg]	Nitrobenzene [ug/L]	n-Propylbenzene [ug/kg]	o-Xylene [ug/kg]	O- Xylene (1,2-Dimethybenzene) [ug/kg]
TSBN01-071612-01	16-Jul-12	25 UW	40.4 UW	13.7 U	25 UW		25 UW
TSBN02-071712-01	17-Jul-12	25 UW	40.4 UW	27.3 U	25 UW		25 UW
TSBN02-071812-01	18-Jul-12	25 UW	40.4 UW	13.7 U	25 UW		25 UW
TSBN03-072312-01	23-Jul-12	25 UW	40.4 UW	13.7 U	25 UW		25 UW
TSBN04-072412-01	24-Jul-12	25 UW	40.4 UW	13.7 U	25 UW		25 UW
TSBN05-072612-01	26-Jul-12	25 UW	40.4 UW	13.7 U	25 UW		25 UW
TSBN06-072712-01	27-Jul-12	25 UW	40.4 UW	13.7 U	25 UW		50.5 J
TSBN07-072812-01	28-Jul-12	62.5 UW	101 UW	13.7 U	62.5 UW		62.5 UW
TSBN01-073112-01	31-Jul-12	25 UW	40.4 UW	13.7 U	25 UW		25 UW
TSBN08-073112-01	31-Jul-12	25 UW	40.4 UW	13.7 U	25 UW		37.8 J
TSBN08-073112-02	31-Jul-12	25 UW	40.4 UW	13.7 U	25 UW		25 UW
TSBN06-100512-01-H	05-Oct-12	1.1 U	1.1 U	50 U	0.93 U	0.76 U	
TSBN06-100512-02-H	05-Oct-12			50 U			
TSBN06-100512-03-H	05-Oct-12			50 U			
TSBN06-100512-04-H	05-Oct-12			50 U			
TSBN06-100512-05-H	05-Oct-12			50 U			
TSBN08-100512-01-H	05-Oct-12	0.83 U	0.9 U	50 U	0.73 U	12	
TSBN08-100512-02-H	05-Oct-12			50 U			
TSBN08-100512-03-H	05-Oct-12			50 U			
TSBN08-100512-04-H	05-Oct-12			50 U			
TSBN08-100512-05-H	05-Oct-12			50 U			
TSBN09-100512-01-H	05-Oct-12	1.4 U	1.5 U	50 U	1.2 U	340	
TSBN09-100512-02-H	05-Oct-12			50 U			
TSBN09-100512-03-H	05-Oct-12			50 U			
TSBN09-100512-04-H	05-Oct-12			50 U			
TSBN09-100512-05-H	05-Oct-12			50 U			
TSBN10-100512-01-H	05-Oct-12	66 U	17 U	50 U	23 U	77	
TSBN10-100512-02-H	05-Oct-12			50 U			
TSBN10-100512-03-H	05-Oct-12			50 U			
TSBN10-100512-04-H	05-Oct-12			50 U			
TSBN10-100512-05-H	05-Oct-12			50 U			
TSBN01-100812-01-H	08-Oct-12			50 U			
TSBN01-100812-02-H	08-Oct-12	45 U	12 U	50 U	16 U	6.3 U	
TSBN01-100812-03-H	08-Oct-12			50 U			
TSBN01-100812-04-H	08-Oct-12			50 U			
TSBN01-100812-05-H	08-Oct-12			50 U			
TSBN07-100812-01-H	08-Oct-12	50 U	13 U	50 U	18 U	2000	
TSBN07-100812-02-H	08-Oct-12			50 U			
TSBN07-100812-03-H	08-Oct-12			50 U			

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Naphthalene [ug/kg]	n-Butylbenzene [ug/kg]	Nitrobenzene [ug/L]	n-Propylbenzene [ug/kg]	o-Xylene [ug/kg]	O- Xylene (1,2-Dimethybenzene) [ug/kg]
TSBN07-100812-04-H	08-Oct-12			50 U			
TSBN07-100812-05-H	08-Oct-12			50 U			
TSBN04-100912-01-H	09-Oct-12	1 U	1.1 U	50 U	0.88 U	0.72 U	
TSBN04-100912-02-H	09-Oct-12			50 U			
TSBN04-100912-03-H	09-Oct-12			50 U			
TSBN04-100912-04-H	09-Oct-12			50 U			
TSBN04-100912-05-H	09-Oct-12			50 U			
TSBN05-100912-01-H	09-Oct-12	1 U	1.1 U	50 U	0.91 U	4.9 =J	
TSBN05-100912-02-H	09-Oct-12			50 U			
TSBN05-100912-03-H	09-Oct-12			50 U			
TSBN05-100912-04-H	09-Oct-12			50 U			
TSBN05-100912-05-H	09-Oct-12			50 U			
TSBN03-101012-01-H	10-Oct-12	1.2 U	1.3 U	50 U	1.1 U	5.2 =J	
TSBN03-101012-02-H	10-Oct-12			50 U			
TSBN03-101012-03-H	10-Oct-12			50 U			
TSBN03-101012-04-H	10-Oct-12			50 U			
TSBN03-101012-05-H	10-Oct-12			50 U			
RSBN02-101112-01-H	11-Oct-12	1 U	1.1 U	50 U	0.9 U	2.2 =J	
RSBN02-101112-02-H	11-Oct-12	1 U	1.1 U	50 U	0.9 U	2.9 =J	
RSBN02-101112-03-H	11-Oct-12	1.1 U	1.1 U	50 U	0.92 U	9.6	
RSBN02-101112-04-H	11-Oct-12	0.97 U	1.1 U	50 U	0.85 U	17	
RSBN02-101112-05-H	11-Oct-12	1.2 U	1.3 U	50 U	1.1 U	15	
RSBN02-101112-05-H-D	11-Oct-12	90 =J	12 U	50 U	16 U	56	
RSBN01-101212-01-H	12-Oct-12	0.89 U	0.96 U	50 U	0.78 U	0.64 U	
RSBN01-101212-02-H	12-Oct-12	35 U	9.2 U	50 U	12 U	4.9 U	
RSBN01-101212-02-H-D	12-Oct-12			50 U			
RSBN01-101212-03-H	12-Oct-12	1.2 U	1.2 U	50 U	1 U	0.83 U	
RSBN01-101212-04-H	12-Oct-12	1 U	1.1 U	50 U	0.88 U	0.72 U	
RSBN01-101212-05-H	12-Oct-12	1 U	1.1 U	50 U	0.89 U	0.73 U	
RSBN07-101512-01-H	15-Oct-12	1.2 U	1.3 U	50 U	1 U	0.84 U	
RSBN07-101512-02-H	15-Oct-12	1.1 U	1.2 U	50 U	0.96 U	0.79 U	
RSBN07-101512-03-H	15-Oct-12	1.2 U	1.3 U	50 U	1.1 U	0.87 U	
RSBN07-101512-04-H	15-Oct-12	1.5 U	1.6 U	50 U	1.3 U	7.1 =J	
RSBN07-101512-05-H	15-Oct-12	1.3 U	1.5 U	50 U	1.2 U	7.1 =J	
RSBN07-101512-05-H-D	15-Oct-12			50 U			
RSBN04-101712-01-H	17-Oct-12	1 U	1.1 U	50 U	0.88 U	5.1 =J	
RSBN04-101712-02-H	17-Oct-12	1.1 U	1.2 U	50 U	1 U	6.2 =J	
RSBN04-101712-02-H-D	17-Oct-12			50 U			
RSBN04-101712-03-H	17-Oct-12	1 U	1.1 U	50 U	0.89 U	4.3 =J	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Naphthalene [ug/kg]	n-Butylbenzene [ug/kg]	Nitrobenzene [ug/L]	n-Propylbenzene [ug/kg]	o-Xylene [ug/kg]	O- Xylene (1,2-Dimethybenzene) [ug/kg]
RSBN04-101712-04-H	17-Oct-12	1.3 U	1.4 U	50 U	1.2 U	7.7 =J	
RSBN04-101712-05-H	17-Oct-12	0.99 U	1.1 U	50 U	0.87 U	8.1	
RSBN08-101912-01-H	19-Oct-12	1.5 U	1.7 U	50 U	1.3 U	1.1 U	
RSBN08-101912-02-H	19-Oct-12	7.2 =J	1.5 U	50 U	1.2 U	0.96 U	
RSBN08-101912-03-H	19-Oct-12	1.6 U	1.7 U	50 U	1.4 U	1.1 U	
RSBN08-101912-03-H-D	19-Oct-12			50 U			
RSBN08-101912-04-H	19-Oct-12	1.4 U	1.6 U	50 U	1.3 U	1 U	
RSBN08-101912-05-H	19-Oct-12	1.6 U	1.7 U	50 U	1.4 U	13	
TSBN10-102012-01-H	20-Oct-12	1.1 U	1.2 U	50 U	0.96 U	0.79 U	
TSBN10-102012-02-H	20-Oct-12	1.4 U	1.6 U	50 U	1.3 U	1 U	
TSBN10-102012-02-H-D	20-Oct-12			50 U			
TSBN10-102012-03-H	20-Oct-12	1.3 U	1.4 U	50 U	1.1 U	0.92 U	
TSBN10-102012-04-H	20-Oct-12	1.1 U	1.2 U	50 U	0.99 U	0.81 U	
TSBN10-102012-05-H	20-Oct-12	0.81 U	0.88 U	50 U	0.71 U	0.58 U	
TSBN05-102212-01-H	22-Oct-12	0.84 U	0.9 U	50 U	0.73 U	6 =J	
TSBN05-102212-02-H	22-Oct-12	35 U	9 U	50 U	12 U	42	
TSBN05-102212-03-H	22-Oct-12	28 U	7.3 U	50 U	9.8 U	51	
TSBN05-102212-03-H-D	22-Oct-12			50 U			
TSBN05-102212-04-H	22-Oct-12	31 U	8.2 U	50 U	11 U	33	
TSBN05-102212-05-H	22-Oct-12	46 =J	11 U	50 U	15 U	29	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Paint Filter mL/100g	PCB, Total [ug/kg]	PCB-1016 [ug/kg]	PCB-1016 (Arochlor 1016) [ug/kg]	PCB-1221 [ug/kg]	PCB-1221 (Arochlor 1221) [ug/kg]	PCB-1232 [ug/kg]	PCB-1232 (Arochlor 1232) [ug/kg]
TSBN01-071612-01	16-Jul-12		28.9 U		28.9 U		28.9 U		28.9 U
TSBN02-071712-01	17-Jul-12		28.2 U		28.2 U		28.2 U		28.2 U
TSBN02-071812-01	18-Jul-12		29.3 U		29.3 U		29.3 U		29.3 U
TSBN03-072312-01	23-Jul-12		32.2 U		32.2 U		32.2 U		32.2 U
TSBN04-072412-01	24-Jul-12		32.9 U		32.9 U		32.9 U		32.9 U
TSBN05-072612-01	26-Jul-12		31.5 U		31.5 U		31.5 U		31.5 U
TSBN06-072712-01	27-Jul-12		31.1 U		31.1 U		31.1 U		31.1 U
TSBN07-072812-01	28-Jul-12		31.5 U		31.5 U		31.5 U		31.5 U
TSBN01-073112-01	31-Jul-12		28.9 U		28.9 U		28.9 U		28.9 U
TSBN08-073112-01	31-Jul-12		31.9 U		31.9 U		31.9 U		31.9 U
TSBN08-073112-02	31-Jul-12		31.1 U		31.1 U		31.1 U		31.1 U
TSBN06-100512-01-H	05-Oct-12	0 <		9.2 U		11 U		11 U	
TSBN06-100512-02-H	05-Oct-12	0 <		9.2 U		11 U		11 U	
TSBN06-100512-03-H	05-Oct-12	0 <		8.7 U		11 U		11 U	
TSBN06-100512-04-H	05-Oct-12	0 <		8.2 U		10 U		10 U	
TSBN06-100512-05-H	05-Oct-12	0 <		9.3 U		12 U		11 U	
TSBN08-100512-01-H	05-Oct-12	0 <		7.5 U		9.3 U		9.2 U	
TSBN08-100512-02-H	05-Oct-12	0 <		8.6 U		11 U		11 U	
TSBN08-100512-03-H	05-Oct-12	0 <		9.2 U		11 U		11 U	
TSBN08-100512-04-H	05-Oct-12	0 <		9.5 U		12 U		12 U	
TSBN08-100512-05-H	05-Oct-12	0 <		9.8 U		12 U		12 U	
TSBN09-100512-01-H	05-Oct-12	0 <		11 U		13 U		13 U	
TSBN09-100512-02-H	05-Oct-12	0 <		11 U		14 U		14 U	
TSBN09-100512-03-H	05-Oct-12	0 <		12 U		15 U		15 U	
TSBN09-100512-04-H	05-Oct-12	0 <		13 U		16 U		16 U	
TSBN09-100512-05-H	05-Oct-12	0 <		12 U		15 U		15 U	
TSBN10-100512-01-H	05-Oct-12	0 <		11 U		14 U		14 U	
TSBN10-100512-02-H	05-Oct-12	0 <		12 U		16 U		15 U	
TSBN10-100512-03-H	05-Oct-12	0 <		12 U		15 U		15 U	
TSBN10-100512-04-H	05-Oct-12	0 <		13 U		16 U		16 U	
TSBN10-100512-05-H	05-Oct-12	0 <		12 U		15 U		15 U	
TSBN01-100812-01-H	08-Oct-12	0 <		8.5 U		11 U		10 U	
TSBN01-100812-02-H	08-Oct-12	0 <		9.3 U		12 U		11 U	
TSBN01-100812-03-H	08-Oct-12	0 <		9.3 U		12 U		12 U	
TSBN01-100812-04-H	08-Oct-12	0 <		9.9 U		12 U		12 U	
TSBN01-100812-05-H	08-Oct-12	0 <		8.7 U		11 U		11 U	
TSBN07-100812-01-H	08-Oct-12	0 <		10 U		13 U		13 U	
TSBN07-100812-02-H	08-Oct-12	0 <		10 U		12 U		12 U	
TSBN07-100812-03-H	08-Oct-12	0 <		8.4 U		11 U		10 U	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Paint Filter mL/100g	PCB, Total [ug/kg]	PCB-1016 [ug/kg]	PCB-1016 (Arochlor 1016) [ug/kg]	PCB-1221 [ug/kg]	PCB-1221 (Arochlor 1221) [ug/kg]	PCB-1232 [ug/kg]	PCB-1232 (Arochlor 1232) [ug/kg]
TSBN07-100812-04-H	08-Oct-12	0 <		8.1 U		10 U		10 U	
TSBN07-100812-05-H	08-Oct-12	0 <		8.1 U		10 U		10 U	
TSBN04-100912-01-H	09-Oct-12	0 <		9 U		11 U		11 U	
TSBN04-100912-02-H	09-Oct-12	0 <		8.8 U		11 U		11 U	
TSBN04-100912-03-H	09-Oct-12	0 <		8.4 U		10 U		10 U	
TSBN04-100912-04-H	09-Oct-12	0 <		7.6 U		9.5 U		9.4 U	
TSBN04-100912-05-H	09-Oct-12	0 <		7.7 U		9.6 U		9.5 U	
TSBN05-100912-01-H	09-Oct-12	0 <		8.3 U		10 U		10 U	
TSBN05-100912-02-H	09-Oct-12	0 <		7.8 U		9.7 U		9.6 U	
TSBN05-100912-03-H	09-Oct-12	0 <		7.6 U		9.5 U		9.4 U	
TSBN05-100912-04-H	09-Oct-12	0 <		8.6 U		11 U		11 U	
TSBN05-100912-05-H	09-Oct-12	0 <		9.9 U		12 U		12 U	
TSBN03-101012-01-H	10-Oct-12	0 <		11 U		13 U		13 U	
TSBN03-101012-02-H	10-Oct-12	0 <		10 U		12 U		12 U	
TSBN03-101012-03-H	10-Oct-12	0 <		9.1 U		11 U		11 U	
TSBN03-101012-04-H	10-Oct-12	0 <		9.7 U		12 U		12 U	
TSBN03-101012-05-H	10-Oct-12	0 <		11 U		13 U		13 U	
RSBN02-101112-01-H	11-Oct-12	0 <		10 U		13 U		12 U	
RSBN02-101112-02-H	11-Oct-12	0 <		9.5 U		12 U		12 U	
RSBN02-101112-03-H	11-Oct-12	0 <		9.7 U		12 U		12 U	
RSBN02-101112-04-H	11-Oct-12	0 <		9.3 U		12 U		12 U	
RSBN02-101112-05-H	11-Oct-12	0 <		9.7 U		12 U		12 U	
RSBN02-101112-05-H-D	11-Oct-12	0 <		10 U		12 U		12 U	
RSBN01-101212-01-H	12-Oct-12	0 <		8.1 U		10 U		10 U	
RSBN01-101212-02-H	12-Oct-12	0 <		8.3 U		10 U		10 U	
RSBN01-101212-02-H-D	12-Oct-12	0 <		8.5 U		11 U		10 U	
RSBN01-101212-03-H	12-Oct-12	0 <		9 U		11 U		11 U	
RSBN01-101212-04-H	12-Oct-12	0 <		8.9 U		11 U		11 U	
RSBN01-101212-05-H	12-Oct-12	0 <		8.8 U		11 U		11 U	
RSBN07-101512-01-H	15-Oct-12	0 <		11 U		13 U		13 U	
RSBN07-101512-02-H	15-Oct-12	0 <		11 U		13 U		13 U	
RSBN07-101512-03-H	15-Oct-12	101.1		12 U		15 U		14 U	
RSBN07-101512-04-H	15-Oct-12	104.5		13 U		16 U		16 U	
RSBN07-101512-05-H	15-Oct-12	100.1		11 U		14 U		14 U	
RSBN07-101512-05-H-D	15-Oct-12	103.5		12 U		15 U		15 U	
RSBN04-101712-01-H	17-Oct-12	0 <		11 U		14 U		14 U	
RSBN04-101712-02-H	17-Oct-12	0 <		10 U		13 U		13 U	
RSBN04-101712-02-H-D	17-Oct-12	0 <		11 U		14 U		14 U	
RSBN04-101712-03-H	17-Oct-12	0 <		9.7 U		12 U		12 U	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Paint Filter mL/100g	PCB, Total [ug/kg]	PCB-1016 [ug/kg]	PCB-1016 (Arochlor 1016) [ug/kg]	PCB-1221 [ug/kg]	PCB-1221 (Arochlor 1221) [ug/kg]	PCB-1232 [ug/kg]	PCB-1232 (Arochlor 1232) [ug/kg]
RSBN04-101712-04-H	17-Oct-12	0 <		9.4 U		12 U		12 U	
RSBN04-101712-05-H	17-Oct-12	0 <		10 U		12 U		12 U	
RSBN08-101912-01-H	19-Oct-12	0 <		12 U		15 U		15 U	
RSBN08-101912-02-H	19-Oct-12	0 <		11 U		14 U		14 U	
RSBN08-101912-03-H	19-Oct-12	0 <		12 U		14 U		14 U	
RSBN08-101912-03-H-D	19-Oct-12	0 <		11 U		14 U		14 U	
RSBN08-101912-04-H	19-Oct-12	0 <		13 U		16 U		16 U	
RSBN08-101912-05-H	19-Oct-12	100.9		15 U		18 U		18 U	
TSBN10-102012-01-H	20-Oct-12	0 <		9.9 U		12 U		12 U	
TSBN10-102012-02-H	20-Oct-12	0 <		9.7 U		12 U		12 U	
TSBN10-102012-02-H-D	20-Oct-12	0 <		9.9 U		12 U		12 U	
TSBN10-102012-03-H	20-Oct-12	0 <		11 U		13 U		13 U	
TSBN10-102012-04-H	20-Oct-12	0 <		9.3 U		12 U		11 U	
TSBN10-102012-05-H	20-Oct-12	0 <		8.6 U		11 U		11 U	
TSBN05-102212-01-H	22-Oct-12	0 <		8 U		10 U		9.9 U	
TSBN05-102212-02-H	22-Oct-12	0 <		8 U		9.9 U		9.8 U	
TSBN05-102212-03-H	22-Oct-12	0 <		8.3 U		10 U		10 U	
TSBN05-102212-03-H-D	22-Oct-12	0 <		8 U		9.9 U		9.8 U	
TSBN05-102212-04-H	22-Oct-12	0 <		8.7 U		11 U		11 U	
TSBN05-102212-05-H	22-Oct-12	0 <		9.4 U		12 U		12 U	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	PCB-1242 [ug/kg]	PCB-1242 (Arochlor 1242) [ug/kg]	PCB-1248 [ug/kg]	PCB-1248 (Arochlor 1248) [ug/kg]	PCB-1254 [ug/kg]	PCB-1254 (Arochlor 1254) [ug/kg]	PCB-1260 [ug/kg]	PCB-1260 (Arochlor 1260) [ug/kg]
TSBN01-071612-01	16-Jul-12		28.9 U		28.9 U		28.9 U		28.9 U
TSBN02-071712-01	17-Jul-12		28.2 U		28.2 U		28.2 U		28.2 U
TSBN02-071812-01	18-Jul-12		29.3 U		29.3 U		29.3 U		29.3 U
TSBN03-072312-01	23-Jul-12		32.2 U		32.2 U		32.2 U		32.2 U
TSBN04-072412-01	24-Jul-12		32.9 U		32.9 U		32.9 U		32.9 U
TSBN05-072612-01	26-Jul-12		31.5 U		31.5 U		31.5 U		31.5 U
TSBN06-072712-01	27-Jul-12		31.1 U		31.1 U		31.1 U		31.1 U
TSBN07-072812-01	28-Jul-12		31.5 U		31.5 U		31.5 U		31.5 U
TSBN01-073112-01	31-Jul-12		28.9 U		28.9 U		28.9 U		28.9 U
TSBN08-073112-01	31-Jul-12		31.9 U		31.9 U		31.9 U		31.9 U
TSBN08-073112-02	31-Jul-12		31.1 U		31.1 U		31.1 U		31.1 U
TSBN06-100512-01-H	05-Oct-12	8.6 U		41		5.6 U		63	
TSBN06-100512-02-H	05-Oct-12	8.6 U		32		5.6 U		15 =J	
TSBN06-100512-03-H	05-Oct-12	8.1 U		17 =J		5.3 U		12 U	
TSBN06-100512-04-H	05-Oct-12	7.6 U		21 =J		5 U		11 U	
TSBN06-100512-05-H	05-Oct-12	8.6 U		15 =J		5.7 U		13 U	
TSBN08-100512-01-H	05-Oct-12	7 U		37		4.6 U		10 U	
TSBN08-100512-02-H	05-Oct-12	8 U		57		5.3 U		17 =J	
TSBN08-100512-03-H	05-Oct-12	8.5 U		60		5.6 U		25 =J	
TSBN08-100512-04-H	05-Oct-12	8.8 U		11 U		170		13 U	
TSBN08-100512-05-H	05-Oct-12	9.1 U		11 U		49		14 U	
TSBN09-100512-01-H	05-Oct-12	10 U		73		6.6 U		100	
TSBN09-100512-02-H	05-Oct-12	10 U		69		6.9 U		60	
TSBN09-100512-03-H	05-Oct-12	11 U		75		7.4 U		44	
TSBN09-100512-04-H	05-Oct-12	12 U		93		7.8 U		68	
TSBN09-100512-05-H	05-Oct-12	11 U		62		7.2 U		65	
TSBN10-100512-01-H	05-Oct-12	11 U		58		7 U		45	
TSBN10-100512-02-H	05-Oct-12	12 U		64		7.6 U		44	
TSBN10-100512-03-H	05-Oct-12	11 U		59		7.3 U		32 =J	
TSBN10-100512-04-H	05-Oct-12	12 U		79		7.8 U		43	
TSBN10-100512-05-H	05-Oct-12	11 U		78		7.3 U		62	
TSBN01-100812-01-H	08-Oct-12	7.9 U		9.4 U		24		12 U	
TSBN01-100812-02-H	08-Oct-12	8.7 U		10 U		29		13 U	
TSBN01-100812-03-H	08-Oct-12	8.7 U		10 U		5.7 U		13 U	
TSBN01-100812-04-H	08-Oct-12	9.2 U		11 U		45		14 U	
TSBN01-100812-05-H	08-Oct-12	8 U		9.6 U		25		12 U	
TSBN07-100812-01-H	08-Oct-12	9.7 U		82		6.4 U		64	
TSBN07-100812-02-H	08-Oct-12	9.3 U		72		6.1 U		40	
TSBN07-100812-03-H	08-Oct-12	7.8 U		38		5.2 U		68	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	PCB-1242 [ug/kg]	PCB-1242 (Arochlor 1242) [ug/kg]	PCB-1248 [ug/kg]	PCB-1248 (Arochlor 1248) [ug/kg]	PCB-1254 [ug/kg]	PCB-1254 (Arochlor 1254) [ug/kg]	PCB-1260 [ug/kg]	PCB-1260 (Arochlor 1260) [ug/kg]
TSBN07-100812-04-H	08-Oct-12	7.5 U		34		5 U		11 U	
TSBN07-100812-05-H	08-Oct-12	7.6 U		40		5 U		39	
TSBN04-100912-01-H	09-Oct-12	8.4 U		10 U		17 =J		12 U	
TSBN04-100912-02-H	09-Oct-12	8.2 U		9.8 U		14 =J		12 U	
TSBN04-100912-03-H	09-Oct-12	7.8 U		9.3 U		12 =J		12 U	
TSBN04-100912-04-H	09-Oct-12	7.1 U		8.5 U		4.7 U		11 U	
TSBN04-100912-05-H	09-Oct-12	7.2 U		8.6 U		17 =J		11 U	
TSBN05-100912-01-H	09-Oct-12	7.7 U		28		5 U		23	
TSBN05-100912-02-H	09-Oct-12	7.2 U		29		4.7 U		23	
TSBN05-100912-03-H	09-Oct-12	7.1 U		54		4.7 U		38	
TSBN05-100912-04-H	09-Oct-12	8 U		40		5.2 U		140	
TSBN05-100912-05-H	09-Oct-12	9.2 U		75		6.1 U		41	
TSBN03-101012-01-H	10-Oct-12	9.8 U		72		6.4 U		33	
TSBN03-101012-02-H	10-Oct-12	9.3 U		67		6.1 U		48	
TSBN03-101012-03-H	10-Oct-12	8.5 U		39		5.6 U		28	
TSBN03-101012-04-H	10-Oct-12	9 U		43		5.9 U		30	
TSBN03-101012-05-H	10-Oct-12	9.8 U		12 U		150		15 U	
RSBN02-101112-01-H	11-Oct-12	9.4 U		28 =J		6.2 U		88	
RSBN02-101112-02-H	11-Oct-12	8.8 U		11 U		43		13 U	
RSBN02-101112-03-H	11-Oct-12	9 U		11 U		36		28	
RSBN02-101112-04-H	11-Oct-12	8.7 U		10 U		34		14 =J	
RSBN02-101112-05-H	11-Oct-12	9 U		11 U		35		16 =J	
RSBN02-101112-05-H-D	11-Oct-12	9.2 U		11 U		35		14 =J	
RSBN01-101212-01-H	12-Oct-12	7.6 U		9.1 U		14 =J		11 U	
RSBN01-101212-02-H	12-Oct-12	7.7 U		9.2 U		11 =J		12 U	
RSBN01-101212-02-H-D	12-Oct-12	7.9 U		9.4 U		12 =J		12 U	
RSBN01-101212-03-H	12-Oct-12	8.4 U		10 U		5.5 U		13 U	
RSBN01-101212-04-H	12-Oct-12	8.3 U		9.9 U		10 =J		12 U	
RSBN01-101212-05-H	12-Oct-12	8.2 U		9.8 U		15 =J		12 U	
RSBN07-101512-01-H	15-Oct-12	10 U		12 U		240		64	
RSBN07-101512-02-H	15-Oct-12	9.8 U		12 U		19 =J		15 U	
RSBN07-101512-03-H	15-Oct-12	11 U		13 U		42		16 U	
RSBN07-101512-04-H	15-Oct-12	12 U		14 U		40		17 U	
RSBN07-101512-05-H	15-Oct-12	11 U		13 U		170		30 =J	
RSBN07-101512-05-H-D	15-Oct-12	11 U		13 U		41		17 U	
RSBN04-101712-01-H	17-Oct-12	10 U		12 U		46		18 =J	
RSBN04-101712-02-H	17-Oct-12	9.5 U		11 U		75		23 =J	
RSBN04-101712-02-H-D	17-Oct-12	10 U		12 U		57		41	
RSBN04-101712-03-H	17-Oct-12	9.1 U		11 U		35		24 =J	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	PCB-1242 [ug/kg]	PCB-1242 (Arochlor 1242) [ug/kg]	PCB-1248 [ug/kg]	PCB-1248 (Arochlor 1248) [ug/kg]	PCB-1254 [ug/kg]	PCB-1254 (Arochlor 1254) [ug/kg]	PCB-1260 [ug/kg]	PCB-1260 (Arochlor 1260) [ug/kg]
RSBN04-101712-04-H	17-Oct-12	8.7 U		10 U		35		18 =J	
RSBN04-101712-05-H	17-Oct-12	9.2 U		11 U		48		49	
RSBN08-101912-01-H	19-Oct-12	11 U		13 U		78		50	
RSBN08-101912-02-H	19-Oct-12	10 U		12 U		130		38	
RSBN08-101912-03-H	19-Oct-12	11 U		13 U		45		29 =J	
RSBN08-101912-03-H-D	19-Oct-12	11 U		13 U		60		20 =J	
RSBN08-101912-04-H	19-Oct-12	12 U		14 U		79		30 =J	
RSBN08-101912-05-H	19-Oct-12	14 U		16 U		73		30 =J	
TSBN10-102012-01-H	20-Oct-12	9.2 U		11 U		21 =J		14 U	
TSBN10-102012-02-H	20-Oct-12	9 U		11 U		20 =J		13 U	
TSBN10-102012-02-H-D	20-Oct-12	9.2 U		11 U		22 =J		14 U	
TSBN10-102012-03-H	20-Oct-12	10 U		12 U		23 =J		15 U	
TSBN10-102012-04-H	20-Oct-12	8.6 U		10 U		25 =J		13 U	
TSBN10-102012-05-H	20-Oct-12	8 U		9.6 U		17 =J		12 U	
TSBN05-102212-01-H	22-Oct-12	7.5 U		9 U		12 =J		11 U	
TSBN05-102212-02-H	22-Oct-12	7.4 U		8.9 U		10 =J		11 U	
TSBN05-102212-03-H	22-Oct-12	7.7 U		28		13 =J		11 U	
TSBN05-102212-03-H-D	22-Oct-12	7.4 U		57		14 =J		11 U	
TSBN05-102212-04-H	22-Oct-12	8 U		9.6 U		18 =J		14 =J	
TSBN05-102212-05-H	22-Oct-12	8.8 U		10 U		29		13 U	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	P-Cymene (p-Isopropyltoluene) [ug/kg]	Pentachlorophenol [ug/L]	pH SU	p-Isopropyltoluene [ug/kg]	Pyridine [ug/L]	sec-Butylbenzene [ug/kg]
TSBN01-071612-01	16-Jul-12	25 UW	10.8 U	11.7 H6		14.3 U	25 UW
TSBN02-071712-01	17-Jul-12	25 UW	21.5 U	12.1 H6		28.7 U	25 UW
TSBN02-071812-01	18-Jul-12	25 UW	10.8 U	12.5 H6		14.3 U	25 UW
TSBN03-072312-01	23-Jul-12	25 UW	10.8 U	12.4 1q, H6		14.3 U	25 UW
TSBN04-072412-01	24-Jul-12	55.9 J	10.8 U	12.3 1q, H6		14.3 U	25 UW
TSBN05-072612-01	26-Jul-12	124	10.8 U	12.8 1q, H6		14.3 U	25 UW
TSBN06-072712-01	27-Jul-12	74.3 J	10.8 U	12.7 1q, H6		14.3 U	25 UW
TSBN07-072812-01	28-Jul-12	62.5 UW	10.8 U	11.9		14.3 U	62.5 UW
TSBN01-073112-01	31-Jul-12	44 J	10.8 U	12.4 H6		14.3 U	25 UW
TSBN08-073112-01	31-Jul-12	157	10.8 U	12.2 H6		14.3 U	25 UW
TSBN08-073112-02	31-Jul-12	25 UW	10.8 U	12.2 H6		14.3 U	25 UW
TSBN06-100512-01-H	05-Oct-12		250 U	10.7	0.9 U	100 U	1 U
TSBN06-100512-02-H	05-Oct-12		250 U	11.1		100 U	
TSBN06-100512-03-H	05-Oct-12		250 U	10.9		100 U	
TSBN06-100512-04-H	05-Oct-12		250 U	10.8		100 U	
TSBN06-100512-05-H	05-Oct-12		250 U	10.8		100 U	
TSBN08-100512-01-H	05-Oct-12		250 U	9.96	0.71 U	100 U	0.83 U
TSBN08-100512-02-H	05-Oct-12		250 U	10.1		100 U	
TSBN08-100512-03-H	05-Oct-12		250 U	9.45		100 U	
TSBN08-100512-04-H	05-Oct-12		250 U	10.2		100 U	
TSBN08-100512-05-H	05-Oct-12		250 U	10.2		100 U	
TSBN09-100512-01-H	05-Oct-12		250 U	9.45	32	100 U	1.3 U
TSBN09-100512-02-H	05-Oct-12		250 U	9.47		100 U	
TSBN09-100512-03-H	05-Oct-12		250 U	9.3		100 U	
TSBN09-100512-04-H	05-Oct-12		250 U	8.91		100 U	
TSBN09-100512-05-H	05-Oct-12		250 U	9.6		100 U	
TSBN10-100512-01-H	05-Oct-12		250 U	11	25 U	100 U	21 U
TSBN10-100512-02-H	05-Oct-12		250 U	10.7		100 U	
TSBN10-100512-03-H	05-Oct-12		250 U	10.3		100 U	
TSBN10-100512-04-H	05-Oct-12		250 U	10.8		100 U	
TSBN10-100512-05-H	05-Oct-12		250 U	10.9		100 U	
TSBN01-100812-01-H	08-Oct-12		250 U	9.8		100 U	
TSBN01-100812-02-H	08-Oct-12		250 U	10.3	17 U	100 U	14 U
TSBN01-100812-03-H	08-Oct-12		250 U	8.75		100 U	
TSBN01-100812-04-H	08-Oct-12		250 U	9.4		100 U	
TSBN01-100812-05-H	08-Oct-12		250 U	9.17		100 U	
TSBN07-100812-01-H	08-Oct-12		250 U	8.74	440	100 U	16 U
TSBN07-100812-02-H	08-Oct-12		250 U	9.39		100 U	
TSBN07-100812-03-H	08-Oct-12		250 U	10.2		100 U	

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	P-Cymene (p-Isopropyltoluene) [ug/kg]	Pentachlorophenol [ug/L]	pH SU	p-Isopropyltoluene [ug/kg]	Pyridine [ug/L]	sec-Butylbenzene [ug/kg]
TSBN07-100812-04-H	08-Oct-12		250 U	8.71		100 U	
TSBN07-100812-05-H	08-Oct-12		250 U	8.72		100 U	
TSBN04-100912-01-H	09-Oct-12		250 U	10	20	100 U	1 U
TSBN04-100912-02-H	09-Oct-12		250 U	10.7		100 U	
TSBN04-100912-03-H	09-Oct-12		250 U	11.1		100 U	
TSBN04-100912-04-H	09-Oct-12		250 U	9.9		100 U	
TSBN04-100912-05-H	09-Oct-12		250 U	9.64		100 U	
TSBN05-100912-01-H	09-Oct-12		250 U	7.93	0.88 U	100 U	1 U
TSBN05-100912-02-H	09-Oct-12		250 U	9.27		100 U	
TSBN05-100912-03-H	09-Oct-12		250 U	10.7		100 U	
TSBN05-100912-04-H	09-Oct-12		250 U	9.22		100 U	
TSBN05-100912-05-H	09-Oct-12		250 U	8.82		100 U	
TSBN03-101012-01-H	10-Oct-12		250 U	8.93	9.5	100 U	1.2 U
TSBN03-101012-02-H	10-Oct-12		250 U	10.7		100 U	
TSBN03-101012-03-H	10-Oct-12		250 U	10.6		100 U	
TSBN03-101012-04-H	10-Oct-12		250 U	9.75		100 U	
TSBN03-101012-05-H	10-Oct-12		250 U	8.52		100 U	
RSBN02-101112-01-H	11-Oct-12		250 U	6.2	0.88 U	100 U	1 U
RSBN02-101112-02-H	11-Oct-12		250 U	6.17	0.88 U	100 U	1 U
RSBN02-101112-03-H	11-Oct-12		250 U	5.35	5.4 =J	100 U	1 U
RSBN02-101112-04-H	11-Oct-12		250 U	5.04	4 =J	100 U	0.97 U
RSBN02-101112-05-H	11-Oct-12		250 U	5.15	5.3 =J	100 U	1.2 U
RSBN02-101112-05-H-D	11-Oct-12		250 U	5.32	17 U	100 U	14 U
RSBN01-101212-01-H	12-Oct-12		250 U	5.45	0.76 U	100 U	0.88 U
RSBN01-101212-02-H	12-Oct-12		250 U	6.07	13 U	100 U	11 U
RSBN01-101212-02-H-D	12-Oct-12		250 U	6.04		100 U	
RSBN01-101212-03-H	12-Oct-12		250 U	5.93	0.98 U	100 U	1.1 U
RSBN01-101212-04-H	12-Oct-12		250 U	5.25	0.86 U	100 U	1 U
RSBN01-101212-05-H	12-Oct-12		250 U	4.94	0.87 U	100 U	1 U
RSBN07-101512-01-H	15-Oct-12		250 U	6.69	8.9 =J	100 U	1.2 U
RSBN07-101512-02-H	15-Oct-12		250 U	7.19	9.1	100 U	1.1 U
RSBN07-101512-03-H	15-Oct-12		250 U	6.51	9.1 =J	100 U	1.2 U
RSBN07-101512-04-H	15-Oct-12		250 U	6.07	10 =J	100 U	1.5 U
RSBN07-101512-05-H	15-Oct-12		250 U	6.06	12	100 U	1.3 U
RSBN07-101512-05-H-D	15-Oct-12		250 U	6.04		100 U	
RSBN04-101712-01-H	17-Oct-12		250 U	5.44	8.6	100 U	0.99 U
RSBN04-101712-02-H	17-Oct-12		250 U	5.37	10	100 U	1.1 U
RSBN04-101712-02-H-D	17-Oct-12		250 U	5.23		100 U	
RSBN04-101712-03-H	17-Oct-12		250 U	6.59	8.9	100 U	1 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	P-Cymene (p-Isopropyltoluene) [ug/kg]	Pentachlorophenol [ug/L]	pH SU	p-Isopropyltoluene [ug/kg]	Pyridine [ug/L]	sec-Butylbenzene [ug/kg]
RSBN04-101712-04-H	17-Oct-12		250 U	4.65	9.7 =J	100 U	1.3 U
RSBN04-101712-05-H	17-Oct-12		250 U	5.17	7.6 =J	100 U	0.98 U
RSBN08-101912-01-H	19-Oct-12		250 U	4.7	12	100 U	1.5 U
RSBN08-101912-02-H	19-Oct-12		250 U	4.89	13	100 U	1.3 U
RSBN08-101912-03-H	19-Oct-12		250 U	4.59	14	100 U	1.5 U
RSBN08-101912-03-H-D	19-Oct-12		250 U	4.59		100 U	
RSBN08-101912-04-H	19-Oct-12		250 U	6.11	14	100 U	1.4 U
RSBN08-101912-05-H	19-Oct-12		250 U	5.74	23	100 U	1.5 U
TSBN10-102012-01-H	20-Oct-12		250 U	10.3	5.1 =J	100 U	1.1 U
TSBN10-102012-02-H	20-Oct-12		250 U	10.3	7.8 =J	100 U	1.4 U
TSBN10-102012-02-H-D	20-Oct-12		250 U	10.4		100 U	
TSBN10-102012-03-H	20-Oct-12		250 U	8.14	8 =J	100 U	1.3 U
TSBN10-102012-04-H	20-Oct-12		250 U	10.4	0.97 U	100 U	1.1 U
TSBN10-102012-05-H	20-Oct-12		250 U	9.86	16	100 U	0.81 U
TSBN05-102212-01-H	22-Oct-12		250 U	9	73	100 U	0.83 U
TSBN05-102212-02-H	22-Oct-12		250 U	10.5	870	100 U	11 U
TSBN05-102212-03-H	22-Oct-12		250 U	9.75	930	100 U	8.7 U
TSBN05-102212-03-H-D	22-Oct-12		250 U	9.58		100 U	
TSBN05-102212-04-H	22-Oct-12		250 U	2.43	880	100 U	9.8 U
TSBN05-102212-05-H	22-Oct-12		250 U	3.49	390	100 U	13 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Selenium [mg/kg]	Selenium [mg/L]	Silver [mg/kg]	Silver [mg/L]	Silvex (2,4,5-TP) [ug/L]	Specific Gravity	Styrene [ug/kg]	Sulfide, Dissolved [mg/kg]	Sulfide, Reactive [mg/kg]
TSBN01-071612-01	16-Jul-12	0.59 U	0.12 U	0.27 U	0.12 U		1.3	25 UW	12.2 U	
TSBN02-071712-01	17-Jul-12	0.55 U	0.12 U	0.25 U	0.12 U		1.2	25 UW	12 U	
TSBN02-071812-01	18-Jul-12	0.6 U	0.12 U	0.27 U	0.12 U			25 UW	12.3 U	
TSBN03-072312-01	23-Jul-12	0.66 U	0.12 U	0.3 U	0.12 U		1.6	25 UW	13.6 U	
TSBN04-072412-01	24-Jul-12	0.67 J	0.12 U	0.3 U	0.12 U		1.7	25 UW	13.9 U	
TSBN05-072612-01	26-Jul-12	0.61 U	0.12 U	0.28 U	0.12 U		1.8	25 UW	13.3 U	
TSBN06-072712-01	27-Jul-12	0.64 U	0.12 U	0.29 U	0.12 U		1.8	25 UW	13.1 U	
TSBN07-072812-01	28-Jul-12	0.64 U	0.12 U	0.29 U	0.12 U		1.7	62.5 UW	13.3 U	
TSBN01-073112-01	31-Jul-12	0.59 U	0.12 U	0.27 U	0.12 U		1.8	25 UW	12.1 U	
TSBN08-073112-01	31-Jul-12	0.6 U	0.12 U	0.27 U	0.12 U		1.6	25 UW	13.4 U	
TSBN08-073112-02	31-Jul-12	0.54 U	0.12 U	0.24 U	0.12 U		1.7	25 UW	13.2 U	
TSBN06-100512-01-H	05-Oct-12	0.45 U	0.01 U	0.18 =J B	0.005 U	50 U	1.64	1.1 U		3.8 U
TSBN06-100512-02-H	05-Oct-12	0.71 =J	0.01 U	0.21 =J B	0.005 U	50 U	1.6			4.9 =J
TSBN06-100512-03-H	05-Oct-12	0.4 =J	0.01 U	0.2 =J B	0.005 U	50 U	1.65			3.8 U
TSBN06-100512-04-H	05-Oct-12	0.9 =J	0.01 U	0.19 =J B	0.005 U	50 U	1.63			3.8 U
TSBN06-100512-05-H	05-Oct-12	0.71 =J	0.01 U	0.28 =J B	0.005 U	50 U	1.57			3.8 U
TSBN08-100512-01-H	05-Oct-12	0.84 =J	0.01 U	0.078 U	0.005 U	50 U	1.73	0.86 U		3.8 U
TSBN08-100512-02-H	05-Oct-12	0.77 =J	0.01 U	0.085 U	0.005 U	50 U	1.78			3.7 U
TSBN08-100512-03-H	05-Oct-12	1.1 =J	0.01 U	0.098 U	0.005 U	50 U	1.59			3.7 U
TSBN08-100512-04-H	05-Oct-12	0.94 =J	0.01 U	0.086 U	0.005 U	50 U	1.57			3.9 U
TSBN08-100512-05-H	05-Oct-12	0.81 =J	0.01 U	0.095 U	0.005 U	50 U	1.55			3.8 U
TSBN09-100512-01-H	05-Oct-12	1.6 =J	0.01 U	0.15 =J	0.005 U	50 U	1.55	1.4 U		3.8 U
TSBN09-100512-02-H	05-Oct-12	1.2 =J	0.01 U	0.11 =J	0.005 U	50 U	1.46			3.5 U
TSBN09-100512-03-H	05-Oct-12	1.4 =J	0.01 U	0.15 =J	0.005 U	50 U	1.46			3.9 U
TSBN09-100512-04-H	05-Oct-12	1.5 =J	0.01 U	0.19 =J	0.005 U	50 U	1.53			3.7 U
TSBN09-100512-05-H	05-Oct-12	1.3 =J	0.01 U	0.11 U	0.005 U	50 U	1.47			3.8 U
TSBN10-100512-01-H	05-Oct-12	1.3 =J	0.011 =J	0.17 =J	0.005 U	50 U	1.43	13 U		3.8 U
TSBN10-100512-02-H	05-Oct-12	1.6 =J	0.01 U	0.32 =J	0.005 U	50 U	1.52			3.9 U
TSBN10-100512-03-H	05-Oct-12	1.8 =J	0.01 U	0.12 =J	0.005 U	50 U	1.56			3.9 U
TSBN10-100512-04-H	05-Oct-12	1.5 =J	0.01 U	0.21 =J	0.005 U	50 U	1.5			3.9 U
TSBN10-100512-05-H	05-Oct-12	1.9 =J	0.01 U	0.17 =J	0.005 U	50 U	1.41			3.8 U
TSBN01-100812-01-H	08-Oct-12	0.93 =J	0.01 U	0.18 =J B	0.005 U	50 U	1.74			3.9 U
TSBN01-100812-02-H	08-Oct-12	1 =J	0.01 U	0.24 =J B	0.005 U	50 U	1.57	9 U		3.9 U
TSBN01-100812-03-H	08-Oct-12	0.79 =J	0.01 U	0.17 =J B	0.005 U	50 U	1.61			3.8 U
TSBN01-100812-04-H	08-Oct-12	0.97 =J	0.01 U	0.34 =J B	0.005 U	50 U	1.54			3.7 U
TSBN01-100812-05-H	08-Oct-12	0.87 =J	0.01 U	0.23 =J B	0.005 U	50 U	1.67			3.6 U
TSBN07-100812-01-H	08-Oct-12	0.98 =J	0.011 =J	0.33 =J B	0.005 U	50 U	1.42	10 U		3.8 U
TSBN07-100812-02-H	08-Oct-12	1.2 =J	0.01 U	0.26 =J B	0.005 U	50 U	1.57			3.9 U
TSBN07-100812-03-H	08-Oct-12	0.85 =J	0.011 =J	0.2 =J B	0.005 U	50 U	1.59			3.9 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Selenium [mg/kg]	Selenium [mg/L]	Silver [mg/kg]	Silver [mg/L]	Silvex (2,4,5-TP) [ug/L]	Specific Gravity	Styrene [ug/kg]	Sulfide, Dissolved [mg/kg]	Sulfide, Reactive [mg/kg]
TSBN07-100812-04-H	08-Oct-12	0.4 =J	0.01 U	0.11 =J B	0.005 U	50 U	1.66			3.8 U
TSBN07-100812-05-H	08-Oct-12	0.82 =J	0.01 U	0.13 =J B	0.005 U	50 U	1.71			3.8 U
TSBN04-100912-01-H	09-Oct-12	1.4	0.01 U	0.27 =J B	0.005 U	50 U	1.55	1 U		3.9 U
TSBN04-100912-02-H	09-Oct-12	0.78 =J	0.01 U	0.17 =J B	0.005 U	50 U	1.63			3.9 U
TSBN04-100912-03-H	09-Oct-12	0.92 =J	0.01 U	0.19 =J B	0.005 U	50 U	1.68			3.7 U
TSBN04-100912-04-H	09-Oct-12	0.88 =J	0.01 U	0.21 =J B	0.005 U	50 U	1.7			3.7 U
TSBN04-100912-05-H	09-Oct-12	1.1 =J	0.01 U	0.13 =J B	0.005 U	50 U	1.7			3.8 U
TSBN05-100912-01-H	09-Oct-12	1.2 =J	0.01 U	0.16 =J B	0.005 U	50 U	1.74	1.1 U		3.8 U
TSBN05-100912-02-H	09-Oct-12	0.84 =J	0.01 U	0.075 U	0.005 U	50 U	1.75			3.8 U
TSBN05-100912-03-H	09-Oct-12	1.2 =J	0.01 U	0.14 =J B	0.005 U	50 U	1.76			3.8 U
TSBN05-100912-04-H	09-Oct-12	0.78 =J	0.01 U	0.18 =J B	0.005 U	50 U	1.61			3.7 U
TSBN05-100912-05-H	09-Oct-12	1.2 =J	0.01 U	0.26 =J B	0.005 U	50 U	1.55			3.5 U
TSBN03-101012-01-H	10-Oct-12	0.77 =J	0.01 U	0.34 =J B	0.005 U	50 U	1.48	1.3 U		3.9 =J
TSBN03-101012-02-H	10-Oct-12	1 =J	0.01 U	0.25 =J B	0.005 U	50 U	1.53			3.8 U
TSBN03-101012-03-H	10-Oct-12	0.87 =J	0.01 U	0.25 =J B	0.005 U	50 U	1.56			3.6 U
TSBN03-101012-04-H	10-Oct-12	1.6	0.01 U	0.33 =J B	0.005 U	50 U	1.49			3.7 U
TSBN03-101012-05-H	10-Oct-12	1.5 =J	0.01 U	0.26 =J B	0.005 U	50 U	1.48			3.7 U
RSBN02-101112-01-H	11-Oct-12	0.45 U	0.01 U	0.094 U	0.005 U	50 U	1.69	1.1 U		3.7 U
RSBN02-101112-02-H	11-Oct-12	0.47 U	0.01 U	0.099 U	0.005 U	50 U	1.61	1.1 U		5.1 =J
RSBN02-101112-03-H	11-Oct-12	0.49 U	0.01 U	0.23 =J	0.005 U	50 U	1.67	1.1 U		3.6 U
RSBN02-101112-04-H	11-Oct-12	0.39 U	0.01 U	0.096 =J	0.005 U	50 U	1.53	1 U		3.6 U
RSBN02-101112-05-H	11-Oct-12	0.45 U	0.01 U	0.1 =J	0.005 U	50 U	1.63	1.2 U		3.6 U
RSBN02-101112-05-H-D	11-Oct-12	0.43 U	0.01 U	0.11 =J	0.005 U	50 U	1.69	8.8 U		4.4 =J
RSBN01-101212-01-H	12-Oct-12	0.38 U	0.01 U	0.094 =J	0.005 U	50 U	1.77	0.92 U		3.7 U
RSBN01-101212-02-H	12-Oct-12	0.37 U	0.01 U	0.09 =J	0.005 U	50 U	1.76	7 U		3.6 U
RSBN01-101212-02-H-D	12-Oct-12	0.58 =J	0.01 U	0.097 =J	0.005 U	50 U	1.72			3.8 U
RSBN01-101212-03-H	12-Oct-12	0.56 =J	0.01 U	0.088 =J	0.005 U	50 U	1.71	1.2 U		3.7 U
RSBN01-101212-04-H	12-Oct-12	0.43 U	0.01 U	0.1 =J	0.005 U	50 U	1.74	1 U		3.8 U
RSBN01-101212-05-H	12-Oct-12	0.67 =J	0.01 U	0.1 =J	0.005 U	50 U	1.62	1.1 U		3.7 U
RSBN07-101512-01-H	15-Oct-12	1.1 =J	0.01 U	0.11 =J	0.005 U	50 U	1.73	1.2 U		3.6 U
RSBN07-101512-02-H	15-Oct-12	0.76 =J	0.01 U	0.12 =J	0.005 U	50 U	1.74	1.1 U		6.9 =J
RSBN07-101512-03-H	15-Oct-12	1.3 =J	0.01 U	0.11 U	0.005 U	50 U	1.51	1.3 U		3.8 U
RSBN07-101512-04-H	15-Oct-12	1.2 =J	0.01 U	0.13 U	0.005 U	50 U	1.45	1.5 U		3.8 U
RSBN07-101512-05-H	15-Oct-12	0.97 =J	0.01 U	0.12 =J	0.005 U	50 U	1.74	1.4 U		3.5 U
RSBN07-101512-05-H-D	15-Oct-12	1.3 =J	0.01 U	0.15 =J	0.005 U	50 U	1.68			9.4 =J
RSBN04-101712-01-H	17-Oct-12	0.52 U	0.01 U	0.12 =J	0.005 U	50 U	1.65	1 U		3.9 U
RSBN04-101712-02-H	17-Oct-12	0.49 U	0.01 U	0.19 =J	0.005 U	50 U	1.65	1.2 U		3.7 U
RSBN04-101712-02-H-D	17-Oct-12	0.5 U	0.01 U	0.18 =J	0.005 U	50 U	1.61			3.8 U
RSBN04-101712-03-H	17-Oct-12	0.44 U	0.01 U	0.15 =J	0.005 U	50 U	1.74	1.1 U		3.6 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Selenium [mg/kg]	Selenium [mg/L]	Silver [mg/kg]	Silver [mg/L]	Silvex (2,4,5-TP) [ug/L]	Specific Gravity	Styrene [ug/kg]	Sulfide, Dissolved [mg/kg]	Sulfide, Reactive [mg/kg]
RSBN04-101712-04-H	17-Oct-12	0.45 U	0.01 U	0.12 =J	0.005 U	50 U	1.45	1.4 U		3.8 U
RSBN04-101712-05-H	17-Oct-12	0.49 U	0.01 U	0.11 =J	0.005 U	50 U	1.71	1 U		3.8 U
RSBN08-101912-01-H	19-Oct-12	1.4 =J	0.01 U	0.2 =J	0.005 U	50 U	1.47	1.6 U		3.7 U
RSBN08-101912-02-H	19-Oct-12	1.4 =J	0.01 U	0.23 =J	0.005 U	50 U	1.49	1.4 U		3.7 U
RSBN08-101912-03-H	19-Oct-12	1.2 =J	0.01 U	0.16 =J	0.005 U	50 U	1.43	1.6 U		3.8 U
RSBN08-101912-03-H-D	19-Oct-12	1.6 =J	0.01 U	0.16 =J	0.005 U	50 U	1.46			3.8 U
RSBN08-101912-04-H	19-Oct-12	1.3 =J	0.01 U	0.18 =J	0.005 U	50 U	1.67	1.5 U		3.6 U
RSBN08-101912-05-H	19-Oct-12	1.2 =J	0.01 U	0.25 =J	0.005 U	50 U	1.48	1.6 U		3.8 U
TSBN10-102012-01-H	20-Oct-12	0.49 U	0.01 =J	0.12 =J	0.005 U	50 U	1.67	1.1 U		3.7 U
TSBN10-102012-02-H	20-Oct-12	0.72 =J	0.01 U	0.19 =J	0.005 U	50 U	1.6	1.5 U		3.5 U
TSBN10-102012-02-H-D	20-Oct-12	0.58 =J	0.01 U	0.22 =J	0.005 U	50 U	1.6			3.7 U
TSBN10-102012-03-H	20-Oct-12	0.5 U	0.01 U	0.13 =J	0.005 U	50 U	1.56	1.3 U		3.8 U
TSBN10-102012-04-H	20-Oct-12	0.41 U	0.01 U	0.15 =J	0.005 U	50 U	1.64	1.2 U		3.7 U
TSBN10-102012-05-H	20-Oct-12	0.45 =J	0.011 =J	0.081 U	0.005 U	50 U	1.68	0.84 U		3.5 U
TSBN05-102212-01-H	22-Oct-12	0.35 U	0.01 U	0.073 U	0.005 U	50 U	1.74	0.87 U		3.8 U
TSBN05-102212-02-H	22-Oct-12	0.33 U	0.01 U	0.069 U	0.005 U	50 U	1.73	6.9 U		3.8 U
TSBN05-102212-03-H	22-Oct-12	0.39 U	0.01 U	0.081 U	0.005 U	50 U	1.64	5.6 U		3.8 U
TSBN05-102212-03-H-D	22-Oct-12	0.39 U	0.01 U	0.081 U	0.005 U	50 U	1.65			3.8 U
TSBN05-102212-04-H	22-Oct-12	0.79 =J	0.01 U	0.1 =J	0.005 U	50 U	1.64	6.3 U		4.1 =J
TSBN05-102212-05-H	22-Oct-12	0.56 =J	0.01 U	0.1 =J	0.005 U	50 U	1.58	8.3 U		3.6 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	t-Butylbenzene [ug/kg]	tert-Butyl Methyl Ether [ug/kg]	tert-Butylbenzene [ug/kg]	Tetrachloroethene [ug/kg]	Tetrachloroethene [ug/L]
TSBN01-071612-01	16-Jul-12	25 UW	25 UW			
TSBN02-071712-01	17-Jul-12	25 UW	25 UW			
TSBN02-071812-01	18-Jul-12	25 UW	25 UW			
TSBN03-072312-01	23-Jul-12	25 UW	25 UW			
TSBN04-072412-01	24-Jul-12	25 UW	25 UW			
TSBN05-072612-01	26-Jul-12	25 UW	25 UW			
TSBN06-072712-01	27-Jul-12	25 UW	25 UW			
TSBN07-072812-01	28-Jul-12	62.5 UW	62.5 UW			
TSBN01-073112-01	31-Jul-12	25 UW	25 UW			
TSBN08-073112-01	31-Jul-12	25 UW	25 UW			
TSBN08-073112-02	31-Jul-12	25 UW	25 UW			
TSBN06-100512-01-H	05-Oct-12			1 U	1.3 U	10 U
TSBN06-100512-02-H	05-Oct-12					10 U
TSBN06-100512-03-H	05-Oct-12					10 U
TSBN06-100512-04-H	05-Oct-12					10 U
TSBN06-100512-05-H	05-Oct-12					10 U
TSBN08-100512-01-H	05-Oct-12			0.78 U	1 U	10 U
TSBN08-100512-02-H	05-Oct-12					10 U
TSBN08-100512-03-H	05-Oct-12					10 U
TSBN08-100512-04-H	05-Oct-12					10 U
TSBN08-100512-05-H	05-Oct-12					10 U
TSBN09-100512-01-H	05-Oct-12			1.3 U	1.6 U	10 U
TSBN09-100512-02-H	05-Oct-12					10 U
TSBN09-100512-03-H	05-Oct-12					10 U
TSBN09-100512-04-H	05-Oct-12					10 U
TSBN09-100512-05-H	05-Oct-12					10 U
TSBN10-100512-01-H	05-Oct-12			18 U	22 U	10 U
TSBN10-100512-02-H	05-Oct-12					10 U
TSBN10-100512-03-H	05-Oct-12					10 U
TSBN10-100512-04-H	05-Oct-12					10 U
TSBN10-100512-05-H	05-Oct-12					10 U
TSBN01-100812-01-H	08-Oct-12					10 U
TSBN01-100812-02-H	08-Oct-12			12 U	15 U	10 U
TSBN01-100812-03-H	08-Oct-12					10 U
TSBN01-100812-04-H	08-Oct-12					10 U
TSBN01-100812-05-H	08-Oct-12					10 U
TSBN07-100812-01-H	08-Oct-12			14 U	17 U	10 U
TSBN07-100812-02-H	08-Oct-12					10 U
TSBN07-100812-03-H	08-Oct-12					10 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	t-Butylbenzene [ug/kg]	tert-Butyl Methyl Ether [ug/kg]	tert-Butylbenzene [ug/kg]	Tetrachloroethene [ug/kg]	Tetrachloroethene [ug/L]
TSBN07-100812-04-H	08-Oct-12					10 U
TSBN07-100812-05-H	08-Oct-12					10 U
TSBN04-100912-01-H	09-Oct-12			0.95 U	1.2 U	10 U
TSBN04-100912-02-H	09-Oct-12					10 U
TSBN04-100912-03-H	09-Oct-12					10 U
TSBN04-100912-04-H	09-Oct-12					10 U
TSBN04-100912-05-H	09-Oct-12					10 U
TSBN05-100912-01-H	09-Oct-12			0.98 U	1.2 U	10 U
TSBN05-100912-02-H	09-Oct-12					10 U
TSBN05-100912-03-H	09-Oct-12					10 U
TSBN05-100912-04-H	09-Oct-12					10 U
TSBN05-100912-05-H	09-Oct-12					10 U
TSBN03-101012-01-H	10-Oct-12			1.1 U	1.5 U	10 U
TSBN03-101012-02-H	10-Oct-12					10 U
TSBN03-101012-03-H	10-Oct-12					10 U
TSBN03-101012-04-H	10-Oct-12					10 U
TSBN03-101012-05-H	10-Oct-12					10 U
RSBN02-101112-01-H	11-Oct-12			0.97 U	1.2 U	10 U
RSBN02-101112-02-H	11-Oct-12			0.97 U	1.2 U	10 U
RSBN02-101112-03-H	11-Oct-12			1 U	1.3 U	10 U
RSBN02-101112-04-H	11-Oct-12			0.92 U	1.2 U	10 U
RSBN02-101112-05-H	11-Oct-12			1.1 U	1.5 U	10 U
RSBN02-101112-05-H-D	11-Oct-12			12 U	15 U	10 U
RSBN01-101212-01-H	12-Oct-12			0.84 U	1.1 U	10 U
RSBN01-101212-02-H	12-Oct-12			9.7 U	12 U	10 U
RSBN01-101212-02-H-D	12-Oct-12					10 U
RSBN01-101212-03-H	12-Oct-12			1.1 U	1.4 U	10 U
RSBN01-101212-04-H	12-Oct-12			0.95 U	1.2 U	10 U
RSBN01-101212-05-H	12-Oct-12			0.96 U	1.2 U	10 U
RSBN07-101512-01-H	15-Oct-12			1.1 U	1.4 U	10 U
RSBN07-101512-02-H	15-Oct-12			1 U	1.3 U	10 U
RSBN07-101512-03-H	15-Oct-12			1.1 U	1.5 U	10 U
RSBN07-101512-04-H	15-Oct-12			1.4 U	1.8 U	10 U
RSBN07-101512-05-H	15-Oct-12			1.3 U	1.6 U	10 U
RSBN07-101512-05-H-D	15-Oct-12					10 U
RSBN04-101712-01-H	17-Oct-12			0.95 U	1.2 U	10 U
RSBN04-101712-02-H	17-Oct-12			1.1 U	1.4 U	10 U
RSBN04-101712-02-H-D	17-Oct-12					10 U
RSBN04-101712-03-H	17-Oct-12			0.96 U	1.2 U	10 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	t-Butylbenzene [ug/kg]	tert-Butyl Methyl Ether [ug/kg]	tert-Butylbenzene [ug/kg]	Tetrachloroethene [ug/kg]	Tetrachloroethene [ug/L]
RSBN04-101712-04-H	17-Oct-12			1.2 U	1.6 U	10 U
RSBN04-101712-05-H	17-Oct-12			0.94 U	1.2 U	10 U
RSBN08-101912-01-H	19-Oct-12			1.4 U	1.9 U	10 U
RSBN08-101912-02-H	19-Oct-12			1.3 U	1.6 U	10 U
RSBN08-101912-03-H	19-Oct-12			1.5 U	1.9 U	10 U
RSBN08-101912-03-H-D	19-Oct-12					10 U
RSBN08-101912-04-H	19-Oct-12			1.4 U	1.7 U	10 U
RSBN08-101912-05-H	19-Oct-12			1.5 U	1.9 U	10 U
TSBN10-102012-01-H	20-Oct-12			1 U	1.3 U	10 U
TSBN10-102012-02-H	20-Oct-12			1.4 U	1.7 U	10 U
TSBN10-102012-02-H-D	20-Oct-12					10 U
TSBN10-102012-03-H	20-Oct-12			1.2 U	1.5 U	10 U
TSBN10-102012-04-H	20-Oct-12			1.1 U	1.4 U	10 U
TSBN10-102012-05-H	20-Oct-12			0.77 U	0.98 U	10 U
TSBN05-102212-01-H	22-Oct-12			0.79 U	1 U	10 U
TSBN05-102212-02-H	22-Oct-12			9.5 U	12 U	10 U
TSBN05-102212-03-H	22-Oct-12			7.6 U	9.4 U	10 U
TSBN05-102212-03-H-D	22-Oct-12					10 U
TSBN05-102212-04-H	22-Oct-12			8.7 U	11 U	10 U
TSBN05-102212-05-H	22-Oct-12			11 U	14 U	10 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Tetrachloroethylene (PCE) [ug/kg]	Tetrachloroethylene (PCE) [ug/L]	Toluene [ug/kg]	Toxaphene [ug/L]	trans-1,2-Dichloroethene [ug/kg]	trans-1,3-Dichloropropene [ug/kg]
TSBN01-071612-01	16-Jul-12	25 UW	4.5 U	25 UW	4.9 U	25 UW	25 UW
TSBN02-071712-01	17-Jul-12	25 UW	4.5 U	25 UW	4.9 U	25 UW	25 UW
TSBN02-071812-01	18-Jul-12	25 UW	4.5 U	25 UW	4.9 U	25 UW	25 UW
TSBN03-072312-01	23-Jul-12	25 UW	4.5 U	73.9 J	4.9 U	25 UW	25 UW
TSBN04-072412-01	24-Jul-12	25 UW	4.5 U	25 UW	4.9 U	25 UW	25 UW
TSBN05-072612-01	26-Jul-12	25 UW	4.5 U	25 UW	4.9 U	25 UW	25 UW
TSBN06-072712-01	27-Jul-12	38.7 JB	4.5 U	25 UW	4.9 U	25 UW	25 UW
TSBN07-072812-01	28-Jul-12	62.5 UW	4.5 U	62.5 UW	4.9 U	62.5 UW	62.5 UW
TSBN01-073112-01	31-Jul-12	25 UW	4.5 U	25 UW		25 UW	25 UW
TSBN08-073112-01	31-Jul-12	25 UW	4.5 U	25 UW		25 UW	25 UW
TSBN08-073112-02	31-Jul-12	25 UW	4.5 U	25 UW		25 UW	25 UW
TSBN06-100512-01-H	05-Oct-12			1.2 U	25 U	1.2 U	1.5 U
TSBN06-100512-02-H	05-Oct-12				25 U		
TSBN06-100512-03-H	05-Oct-12				25 U		
TSBN06-100512-04-H	05-Oct-12				25 U		
TSBN06-100512-05-H	05-Oct-12				25 U		
TSBN08-100512-01-H	05-Oct-12			0.92 U	25 U	0.9 U	1.2 U
TSBN08-100512-02-H	05-Oct-12				25 U		
TSBN08-100512-03-H	05-Oct-12				25 U		
TSBN08-100512-04-H	05-Oct-12				25 U		
TSBN08-100512-05-H	05-Oct-12				25 U		
TSBN09-100512-01-H	05-Oct-12			70	25 U	1.5 U	1.9 U
TSBN09-100512-02-H	05-Oct-12				25 U		
TSBN09-100512-03-H	05-Oct-12				25 U		
TSBN09-100512-04-H	05-Oct-12				25 U		
TSBN09-100512-05-H	05-Oct-12				25 U		
TSBN10-100512-01-H	05-Oct-12			100	25 U	33 U	28 U
TSBN10-100512-02-H	05-Oct-12				25 U		
TSBN10-100512-03-H	05-Oct-12				25 U		
TSBN10-100512-04-H	05-Oct-12				25 U		
TSBN10-100512-05-H	05-Oct-12				25 U		
TSBN01-100812-01-H	08-Oct-12				25 U		
TSBN01-100812-02-H	08-Oct-12			53	25 U	23 U	19 U
TSBN01-100812-03-H	08-Oct-12				25 U		
TSBN01-100812-04-H	08-Oct-12				25 U		
TSBN01-100812-05-H	08-Oct-12				25 U		
TSBN07-100812-01-H	08-Oct-12			870	25 U	25 U	21 U
TSBN07-100812-02-H	08-Oct-12				25 U		
TSBN07-100812-03-H	08-Oct-12				25 U		

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Tetrachloroethylene (PCE) [ug/kg]	Tetrachloroethylene (PCE) [ug/L]	Toluene [ug/kg]	Toxaphene [ug/L]	trans-1,2-Dichloroethene [ug/kg]	trans-1,3-Dichloropropene [ug/kg]
TSBN07-100812-04-H	08-Oct-12				25 U		
TSBN07-100812-05-H	08-Oct-12				25 U		
TSBN04-100912-01-H	09-Oct-12			1.1 U	25 U	1.1 U	1.4 U
TSBN04-100912-02-H	09-Oct-12				25 U		
TSBN04-100912-03-H	09-Oct-12				25 U		
TSBN04-100912-04-H	09-Oct-12				25 U		
TSBN04-100912-05-H	09-Oct-12				25 U		
TSBN05-100912-01-H	09-Oct-12			1.1 U	25 U	1.1 U	1.5 U
TSBN05-100912-02-H	09-Oct-12				25 U		
TSBN05-100912-03-H	09-Oct-12				25 U		
TSBN05-100912-04-H	09-Oct-12				25 U		
TSBN05-100912-05-H	09-Oct-12				25 U		
TSBN03-101012-01-H	10-Oct-12			7.9 =J	25 U	1.3 U	1.7 U
TSBN03-101012-02-H	10-Oct-12				25 U		
TSBN03-101012-03-H	10-Oct-12				25 U		
TSBN03-101012-04-H	10-Oct-12				25 U		
TSBN03-101012-05-H	10-Oct-12				25 U		
RSBN02-101112-01-H	11-Oct-12			9.2	25 U	1.1 U	1.5 U
RSBN02-101112-02-H	11-Oct-12			9.1	25 U	1.1 U	1.5 U
RSBN02-101112-03-H	11-Oct-12			7.1 =J	25 U	1.1 U	1.5 U
RSBN02-101112-04-H	11-Oct-12			8.3	25 U	1.1 U	1.4 U
RSBN02-101112-05-H	11-Oct-12			7.6 =J	25 U	1.3 U	1.7 U
RSBN02-101112-05-H-D	11-Oct-12			43	25 U	22 U	19 U
RSBN01-101212-01-H	12-Oct-12			0.98 U	25 U	0.97 U	1.3 U
RSBN01-101212-02-H	12-Oct-12			15 =J	25 U	18 U	15 U
RSBN01-101212-02-H-D	12-Oct-12				25 U		
RSBN01-101212-03-H	12-Oct-12			1.3 U	25 U	1.3 U	1.6 U
RSBN01-101212-04-H	12-Oct-12			1.1 U	25 U	1.1 U	1.4 U
RSBN01-101212-05-H	12-Oct-12			1.1 U	25 U	1.1 U	1.4 U
RSBN07-101512-01-H	15-Oct-12			6.7 =J	25 U	1.3 U	1.7 U
RSBN07-101512-02-H	15-Oct-12			1.2 U	25 U	1.2 U	1.6 U
RSBN07-101512-03-H	15-Oct-12			8.6 =J	25 U	1.3 U	1.7 U
RSBN07-101512-04-H	15-Oct-12			11 =J	25 U	1.6 U	2.1 U
RSBN07-101512-05-H	15-Oct-12			11	25 U	1.5 U	1.9 U
RSBN07-101512-05-H-D	15-Oct-12				25 U		
RSBN04-101712-01-H	17-Oct-12			21	25 U	1.1 U	1.4 U
RSBN04-101712-02-H	17-Oct-12			22	25 U	1.2 U	1.6 U
RSBN04-101712-02-H-D	17-Oct-12				25 U		
RSBN04-101712-03-H	17-Oct-12			25	25 U	1.1 U	1.4 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Tetrachloroethylene (PCE) [ug/kg]	Tetrachloroethylene (PCE) [ug/L]	Toluene [ug/kg]	Toxaphene [ug/L]	trans-1,2-Dichloroethene [ug/kg]	trans-1,3-Dichloropropene [ug/kg]
RSBN04-101712-04-H	17-Oct-12			1.5 U	25 U	1.4 U	1.9 U
RSBN04-101712-05-H	17-Oct-12			15	25 U	1.1 U	1.4 U
RSBN08-101912-01-H	19-Oct-12			14	25 U	1.7 U	2.2 U
RSBN08-101912-02-H	19-Oct-12			14	25 U	1.5 U	1.9 U
RSBN08-101912-03-H	19-Oct-12			14	25 U	1.7 U	2.2 U
RSBN08-101912-03-H-D	19-Oct-12				25 U		
RSBN08-101912-04-H	19-Oct-12			13	25 U	1.6 U	2 U
RSBN08-101912-05-H	19-Oct-12			28	25 U	1.7 U	2.2 U
TSBN10-102012-01-H	20-Oct-12			1.2 U	25 U	1.2 U	1.6 U
TSBN10-102012-02-H	20-Oct-12			1.6 U	25 U	1.6 U	2 U
TSBN10-102012-02-H-D	20-Oct-12				25 U		
TSBN10-102012-03-H	20-Oct-12			1.4 U	25 U	1.4 U	1.8 U
TSBN10-102012-04-H	20-Oct-12			1.3 U	25 U	1.2 U	1.6 U
TSBN10-102012-05-H	20-Oct-12			0.9 U	25 U	0.88 U	1.1 U
TSBN05-102212-01-H	22-Oct-12			0.92 U	25 U	0.91 U	1.2 U
TSBN05-102212-02-H	22-Oct-12			20	25 U	17 U	15 U
TSBN05-102212-03-H	22-Oct-12			40	25 U	14 U	12 U
TSBN05-102212-03-H-D	22-Oct-12				25 U		
TSBN05-102212-04-H	22-Oct-12			46	25 U	16 U	13 U
TSBN05-102212-05-H	22-Oct-12			37	25 U	21 U	18 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Trichloroethene [ug/kg]	Trichloroethene [ug/L]	Trichloroethylene (TCE) [ug/kg]	Trichloroethylene (TCE) [ug/L]	Trichlorofluoromethane [ug/kg]
TSBN01-071612-01	16-Jul-12			25 UM1, W	4.8 U	25 UW
TSBN02-071712-01	17-Jul-12			25 UW	4.8 U	25 UW
TSBN02-071812-01	18-Jul-12			25 UW	4.8 U	25 UW
TSBN03-072312-01	23-Jul-12			25 UW	4.8 U	25 UW
TSBN04-072412-01	24-Jul-12			25 UW	4.8 U	25 UW
TSBN05-072612-01	26-Jul-12			25 UW	4.8 U	25 UW
TSBN06-072712-01	27-Jul-12			25 UW	4.8 U	25 UW
TSBN07-072812-01	28-Jul-12			62.5 UW	4.8 U	62.5 UW
TSBN01-073112-01	31-Jul-12			25 UW	4.8 U	25 UW
TSBN08-073112-01	31-Jul-12			25 UW	4.8 U	25 UW
TSBN08-073112-02	31-Jul-12			25 UW	4.8 U	25 UW
TSBN06-100512-01-H	05-Oct-12	1.4 U	10 U			1.3 U
TSBN06-100512-02-H	05-Oct-12		10 U			
TSBN06-100512-03-H	05-Oct-12		10 U			
TSBN06-100512-04-H	05-Oct-12		10 U			
TSBN06-100512-05-H	05-Oct-12		10 U			
TSBN08-100512-01-H	05-Oct-12	1.1 U	10 U			1 U
TSBN08-100512-02-H	05-Oct-12		10 U			
TSBN08-100512-03-H	05-Oct-12		10 U			
TSBN08-100512-04-H	05-Oct-12		10 U			
TSBN08-100512-05-H	05-Oct-12		10 U			
TSBN09-100512-01-H	05-Oct-12	1.8 U	10 U			1.7 U
TSBN09-100512-02-H	05-Oct-12		10 U			
TSBN09-100512-03-H	05-Oct-12		10 U			
TSBN09-100512-04-H	05-Oct-12		10 U			
TSBN09-100512-05-H	05-Oct-12		10 U			
TSBN10-100512-01-H	05-Oct-12	25 U	10 U			55 U
TSBN10-100512-02-H	05-Oct-12		10 U			
TSBN10-100512-03-H	05-Oct-12		10 U			
TSBN10-100512-04-H	05-Oct-12		10 U			
TSBN10-100512-05-H	05-Oct-12		10 U			
TSBN01-100812-01-H	08-Oct-12		10 U			
TSBN01-100812-02-H	08-Oct-12	17 U	10 U			38 U
TSBN01-100812-03-H	08-Oct-12		10 U			
TSBN01-100812-04-H	08-Oct-12		10 U			
TSBN01-100812-05-H	08-Oct-12		10 U			
TSBN07-100812-01-H	08-Oct-12	19 U	10 U			42 U
TSBN07-100812-02-H	08-Oct-12		10 U			
TSBN07-100812-03-H	08-Oct-12		10 U			

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Trichloroethene [ug/kg]	Trichloroethene [ug/L]	Trichloroethylene (TCE) [ug/kg]	Trichloroethylene (TCE) [ug/L]	Trichlorofluoromethane [ug/kg]
TSBN07-100812-04-H	08-Oct-12		10 U			
TSBN07-100812-05-H	08-Oct-12		10 U			
TSBN04-100912-01-H	09-Oct-12	1.3 U	10 U			1.2 U
TSBN04-100912-02-H	09-Oct-12		10 U			
TSBN04-100912-03-H	09-Oct-12		10 U			
TSBN04-100912-04-H	09-Oct-12		10 U			
TSBN04-100912-05-H	09-Oct-12		10 U			
TSBN05-100912-01-H	09-Oct-12	1.3 U	10 U			1.3 U
TSBN05-100912-02-H	09-Oct-12		10 U			
TSBN05-100912-03-H	09-Oct-12		10 U			
TSBN05-100912-04-H	09-Oct-12		10 U			
TSBN05-100912-05-H	09-Oct-12		10 U			
TSBN03-101012-01-H	10-Oct-12	1.6 U	10 U			1.5 U
TSBN03-101012-02-H	10-Oct-12		10 U			
TSBN03-101012-03-H	10-Oct-12		10 U			
TSBN03-101012-04-H	10-Oct-12		10 U			
TSBN03-101012-05-H	10-Oct-12		10 U			
RSBN02-101112-01-H	11-Oct-12	1.3 U	10 U			1.3 U
RSBN02-101112-02-H	11-Oct-12	1.3 U	10 U			1.3 U
RSBN02-101112-03-H	11-Oct-12	1.4 U	10 U			1.3 U
RSBN02-101112-04-H	11-Oct-12	1.3 U	10 U			1.2 U
RSBN02-101112-05-H	11-Oct-12	1.6 U	10 U			1.5 U
RSBN02-101112-05-H-D	11-Oct-12	17 U	10 U			37 U
RSBN01-101212-01-H	12-Oct-12	1.2 U	10 U			1.1 U
RSBN01-101212-02-H	12-Oct-12	13 U	10 U			30 U
RSBN01-101212-02-H-D	12-Oct-12		10 U			
RSBN01-101212-03-H	12-Oct-12	1.5 U	10 U			1.4 U
RSBN01-101212-04-H	12-Oct-12	1.3 U	10 U			1.2 U
RSBN01-101212-05-H	12-Oct-12	1.3 U	10 U			1.2 U
RSBN07-101512-01-H	15-Oct-12	1.5 U	10 U			1.4 U
RSBN07-101512-02-H	15-Oct-12	1.4 U	10 U			1.3 U
RSBN07-101512-03-H	15-Oct-12	1.6 U	10 U			1.5 U
RSBN07-101512-04-H	15-Oct-12	1.9 U	10 U			1.8 U
RSBN07-101512-05-H	15-Oct-12	1.8 U	10 U			1.7 U
RSBN07-101512-05-H-D	15-Oct-12		10 U			
RSBN04-101712-01-H	17-Oct-12	1.3 U	10 U			1.2 U
RSBN04-101712-02-H	17-Oct-12	1.5 U	10 U			1.4 U
RSBN04-101712-02-H-D	17-Oct-12		10 U			
RSBN04-101712-03-H	17-Oct-12	1.3 U	10 U			1.3 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Trichloroethene [ug/kg]	Trichloroethene [ug/L]	Trichloroethylene (TCE) [ug/kg]	Trichloroethylene (TCE) [ug/L]	Trichlorofluoromethane [ug/kg]
RSBN04-101712-04-H	17-Oct-12	1.7 U	10 U			1.6 U
RSBN04-101712-05-H	17-Oct-12	1.3 U	10 U			1.2 U
RSBN08-101912-01-H	19-Oct-12	2 U	10 U			1.9 U
RSBN08-101912-02-H	19-Oct-12	1.8 U	10 U			1.7 U
RSBN08-101912-03-H	19-Oct-12	2 U	10 U			1.9 U
RSBN08-101912-03-H-D	19-Oct-12		10 U			
RSBN08-101912-04-H	19-Oct-12	1.9 U	10 U			1.8 U
RSBN08-101912-05-H	19-Oct-12	2 U	10 U			1.9 U
TSBN10-102012-01-H	20-Oct-12	1.4 U	10 U			1.3 U
TSBN10-102012-02-H	20-Oct-12	1.9 U	10 U			1.8 U
TSBN10-102012-02-H-D	20-Oct-12		10 U			
TSBN10-102012-03-H	20-Oct-12	1.7 U	10 U			1.6 U
TSBN10-102012-04-H	20-Oct-12	1.5 U	10 U			1.4 U
TSBN10-102012-05-H	20-Oct-12	1.1 U	10 U			1 U
TSBN05-102212-01-H	22-Oct-12	1.1 U	10 U			1 U
TSBN05-102212-02-H	22-Oct-12	13 U	10 U			29 U
TSBN05-102212-03-H	22-Oct-12	10 U	10 U			23 U
TSBN05-102212-03-H-D	22-Oct-12		10 U			
TSBN05-102212-04-H	22-Oct-12	12 U	10 U			26 U
TSBN05-102212-05-H	22-Oct-12	16 U	10 U			35 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Vinyl Chloride [ug/kg]	Vinyl Chloride [ug/L]
TSBN01-071612-01	16-Jul-12	25 UW	1.8 U
TSBN02-071712-01	17-Jul-12	25 UW	1.8 U
TSBN02-071812-01	18-Jul-12	25 UW	1.8 U
TSBN03-072312-01	23-Jul-12	25 UW	1.8 U
TSBN04-072412-01	24-Jul-12	25 UW	1.8 U
TSBN05-072612-01	26-Jul-12	25 UW	1.8 U
TSBN06-072712-01	27-Jul-12	25 UW	1.8 U
TSBN07-072812-01	28-Jul-12	62.5 UW	1.8 U
TSBN01-073112-01	31-Jul-12	25 UW	1.8 U
TSBN08-073112-01	31-Jul-12	25 UW	1.8 U
TSBN08-073112-02	31-Jul-12	25 UW	1.8 U
TSBN06-100512-01-H	05-Oct-12	1.8 U	10 U
TSBN06-100512-02-H	05-Oct-12		10 U
TSBN06-100512-03-H	05-Oct-12		10 U
TSBN06-100512-04-H	05-Oct-12		10 U
TSBN06-100512-05-H	05-Oct-12		10 U
TSBN08-100512-01-H	05-Oct-12	1.4 U	10 U
TSBN08-100512-02-H	05-Oct-12		10 U
TSBN08-100512-03-H	05-Oct-12		10 U
TSBN08-100512-04-H	05-Oct-12		10 U
TSBN08-100512-05-H	05-Oct-12		10 U
TSBN09-100512-01-H	05-Oct-12	2.3 U	10 U
TSBN09-100512-02-H	05-Oct-12		10 U
TSBN09-100512-03-H	05-Oct-12		10 U
TSBN09-100512-04-H	05-Oct-12		10 U
TSBN09-100512-05-H	05-Oct-12		10 U
TSBN10-100512-01-H	05-Oct-12	14 U	10 U
TSBN10-100512-02-H	05-Oct-12		10 U
TSBN10-100512-03-H	05-Oct-12		10 U
TSBN10-100512-04-H	05-Oct-12		10 U
TSBN10-100512-05-H	05-Oct-12		10 U
TSBN01-100812-01-H	08-Oct-12		10 U
TSBN01-100812-02-H	08-Oct-12	9.5 U	10 U
TSBN01-100812-03-H	08-Oct-12		10 U
TSBN01-100812-04-H	08-Oct-12		10 U
TSBN01-100812-05-H	08-Oct-12		10 U
TSBN07-100812-01-H	08-Oct-12	11 U	10 U
TSBN07-100812-02-H	08-Oct-12		10 U
TSBN07-100812-03-H	08-Oct-12		10 U

Treated Sediment "Startup" Analytical Results

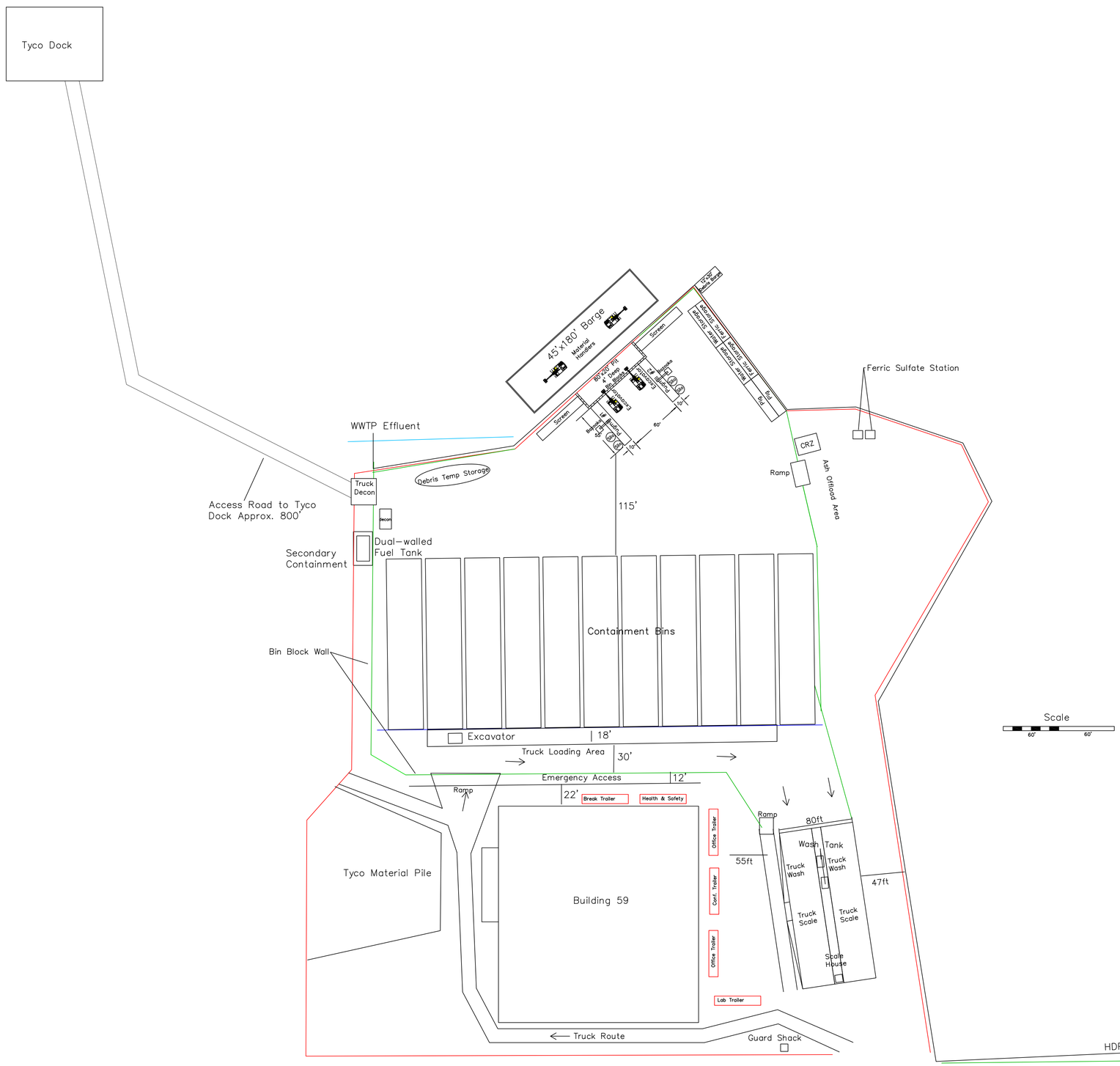
Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Vinyl Chloride [ug/kg]	Vinyl Chloride [ug/L]
TSBN07-100812-04-H	08-Oct-12		10 U
TSBN07-100812-05-H	08-Oct-12		10 U
TSBN04-100912-01-H	09-Oct-12	1.7 U	10 U
TSBN04-100912-02-H	09-Oct-12		10 U
TSBN04-100912-03-H	09-Oct-12		10 U
TSBN04-100912-04-H	09-Oct-12		10 U
TSBN04-100912-05-H	09-Oct-12		10 U
TSBN05-100912-01-H	09-Oct-12	1.7 U	10 U
TSBN05-100912-02-H	09-Oct-12		10 U
TSBN05-100912-03-H	09-Oct-12		10 U
TSBN05-100912-04-H	09-Oct-12		10 U
TSBN05-100912-05-H	09-Oct-12		10 U
TSBN03-101012-01-H	10-Oct-12	2 U	10 U
TSBN03-101012-02-H	10-Oct-12		10 U
TSBN03-101012-03-H	10-Oct-12		10 U
TSBN03-101012-04-H	10-Oct-12		10 U
TSBN03-101012-05-H	10-Oct-12		10 U
RSBN02-101112-01-H	11-Oct-12	1.7 U	10 U
RSBN02-101112-02-H	11-Oct-12	1.7 U	10 U
RSBN02-101112-03-H	11-Oct-12	1.8 U	10 U
RSBN02-101112-04-H	11-Oct-12	1.6 U	10 U
RSBN02-101112-05-H	11-Oct-12	2 U	10 U
RSBN02-101112-05-H-D	11-Oct-12	9.3 U	10 U
RSBN01-101212-01-H	12-Oct-12	1.5 U	10 U
RSBN01-101212-02-H	12-Oct-12	7.4 U	10 U
RSBN01-101212-02-H-D	12-Oct-12		10 U
RSBN01-101212-03-H	12-Oct-12	1.9 U	10 U
RSBN01-101212-04-H	12-Oct-12	1.7 U	10 U
RSBN01-101212-05-H	12-Oct-12	1.7 U	10 U
RSBN07-101512-01-H	15-Oct-12	2 U	10 U
RSBN07-101512-02-H	15-Oct-12	1.8 U	10 U
RSBN07-101512-03-H	15-Oct-12	2 U	10 U
RSBN07-101512-04-H	15-Oct-12	2.4 U	10 U
RSBN07-101512-05-H	15-Oct-12	2.2 U	10 U
RSBN07-101512-05-H-D	15-Oct-12		10 U
RSBN04-101712-01-H	17-Oct-12	1.7 U	10 U
RSBN04-101712-02-H	17-Oct-12	1.9 U	10 U
RSBN04-101712-02-H-D	17-Oct-12		10 U
RSBN04-101712-03-H	17-Oct-12	1.7 U	10 U

Treated Sediment "Startup" Analytical Results

Menominee River Sediment Removal Project Adjacent to the Tyco Fire Products LP Facility, Marinette, Wisconsin

Sample	Date	Vinyl Chloride [ug/kg]	Vinyl Chloride [ug/L]
RSBN04-101712-04-H	17-Oct-12	2.2 U	10 U
RSBN04-101712-05-H	17-Oct-12	1.6 U	10 U
RSBN08-101912-01-H	19-Oct-12	2.5 U	10 U
RSBN08-101912-02-H	19-Oct-12	2.2 U	10 U
RSBN08-101912-03-H	19-Oct-12	2.6 U	10 U
RSBN08-101912-03-H-D	19-Oct-12		10 U
RSBN08-101912-04-H	19-Oct-12	2.4 U	10 U
RSBN08-101912-05-H	19-Oct-12	2.6 U	10 U
TSBN10-102012-01-H	20-Oct-12	1.8 U	10 U
TSBN10-102012-02-H	20-Oct-12	2.4 U	10 U
TSBN10-102012-02-H-D	20-Oct-12		10 U
TSBN10-102012-03-H	20-Oct-12	2.1 U	10 U
TSBN10-102012-04-H	20-Oct-12	1.9 U	10 U
TSBN10-102012-05-H	20-Oct-12	1.3 U	10 U
TSBN05-102212-01-H	22-Oct-12	1.4 U	10 U
TSBN05-102212-02-H	22-Oct-12	7.3 U	10 U
TSBN05-102212-03-H	22-Oct-12	5.8 U	10 U
TSBN05-102212-03-H-D	22-Oct-12		10 U
TSBN05-102212-04-H	22-Oct-12	6.6 U	10 U
TSBN05-102212-05-H	22-Oct-12	8.8 U	10 U



SEVENSON PLAN
SITE LAYOUT

TYCO FIRE PRODUCTS, LP
DAB

MARINETTE, WI

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING

1 A

DATE:	Feb 19, 2013
DRAWN BY:	ZJZ
CHECKED BY:	MDC
CAD FILE:	1083 plan.dwg
SCALE:	as shown

Secondary Containment

Dual–walled Fuel Tank

Berm

Temporary Sediment Storage

Containment Bins

Jersey Barriers

Ramp

Bin Block Wall

Excavator

18’

Truck Loading Area

30’

Emergency Access

12’

Ramp

22’

Break Trailer

Health & Safety

Office Trailer

Conf. Trailer

Office Trailer

Ramp

80ft

55ft

Wash Tank

Truck Wash

Truck Wash

47ft

Truck Scale

Truck Scale

Scale House

Tyco Material Pile

Building 59

Lab Trailer

Truck Route

Guard Shack

Scale

30’ 30’

SOUTH SHORE SEDIMENT STORAGE AND TRUCK ROUTE

TYCO FIRE PRODUCTS, LP

DAB

MARINETTE, WI

HDPE

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING		
2	DATE:	Feb 20, 2013
	~~DRAWN BY:~~	~~DAB~~
	CHECKED BY:	MDC
	CAD FILE:	1083 plan.dwg
	SCALE:	as shown

45'x180' Barge

Material Handlers

12'x30' Debris Barge

Screen

Water Storage

Ferric Storage

Water Storage

Ferric Storage

Water Storage

Ferric Storage

Pig

Pig

Pig

80'x20' Pit

4' Deep

Bin Blocks

Excavator

Excavator

Pugmill #2

Bazooka

Silo

Silo

10'

60'

Screen

Bazooka

55'

Pugmill #1

Silo

Silo

10'

115'

Ferric Sulfate Station

CRZ

Ramp

Ash Offload Area