Weimer, Noreen

From: Novak, Dion
Sent: Tuesday, November 04, 2014 3:13 PM
To: Weimer, Noreen
Subject: FW: Valleycrest - ROD Support Materials
Attachments: 016816-28-T5-1 ARARs.xls

From: Mike Samples [mailto:mikes@demaximis.com]
Sent: Monday, April 15, 2013 12:30 PM
To: Novak, Dion
Subject: RE: Valleycrest - ROD Support Materials

Dion,

Figures 1.2, 1.3, 3.1, 3.2, 3.3, 4.4, and 4.5 have been revised to have bigger text boxes or labels and can be downloaded here in jpg:

http://2big4email.craworld.com/en/downloadfiles.aspx?param=E0dObHpiOS6VDDpGeuz6NgeQuAleQuAl

We didn't re-send Figures 1.1 and 4.2 because they don't have text boxes.

Figure 2.9 (Human Health Evaluation CSM) and Figure 2.10 (Ecological Evaluation CSM) can also be downloaded at that link.

Table 5.1 (Documentation of ARARs) is attached.

I think this is everything, but give me a call if I missed any part of your requested items.

Mike

.....
Michael H. Samples
de maximis, inc.
450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052 - Office
(865) 548-1875 - Cell
(865) 691-6485 - Fax
mikes@demaximis.com
www.demaximis.com
>>> "Novak, Dion" <novak.dion@epa.gov> 4/12/2013 9:56 AM >>>
jpg files if they can....so I can directly insert them into the document
Thanks!

From: Novak, Dion
Sent: Thursday, April 11, 2013 2:23 PM
To: Mike Samples
Subject: RE: Valleycrest - ROD Support Materials

That would be great..could you also get CRA to send the ARARs table electronically as well? And I do not have the RI/Fs in front of me but I assume there is a figure that shows the conceptual site model..could they send that as well?

Thanks so much Mike

Dion

From: Mike Samples [mailto:mikes@demaximis.com]
Sent: Thursday, April 11, 2013 2:22 PM
To: Novak, Dion
Subject: RE: Valleycrest - ROD Support Materials

I should be able to get the figures back to you tomorrow, or Monday at the very latest. Is that Okay?
Mike

.....
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de maximis, inc.
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(865) 548-1875 - Cell
(865) 691-6485 - Fax
mikes@demaximis.com
www.demaximis.com
>>> "Novak, Dion" <novak.dion@epa.gov> 4/11/2013 11:09 AM >>>

Hey Mike

In the interest of finalizing the ROD, can I ask that CRA make the text boxes bigger on these figures so that they can be inserted into the document? When reproduced, the existing figures are unreadable. Would this be a problem? I believe I asked CRA to do this before. Please let me know.

Thanks

Dion

From: Mike Samples [mailto:mikes@demaximis.com]
Sent: Thursday, February 28, 2013 4:34 PM
To: Novak, Dion
Subject: Valleycrest - ROD Support Materials

Dion,

Attached are the FS Report figures that you requested earlier today. As directed, all of the figures have been converted into .jpg file format. Let me know if you need additional help.

Mike

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ION OF ARARs
OFILL, DAYTON, OHIO

	Alternative 2b (SW Cap and Groundwater Extraction)		Alternative 3a (Alternate cap)		Alternative 3b (Alternate cap and Groundwater Extraction)	
will component(s) meet or not meet ARAR or TBC?	Affected Remedial Component(s)	How will component(s) meet or not meet ARAR or TBC?	Affected Remedial Component(s)	How will component(s) meet or not meet ARAR or TBC?	Affected Remedial Component(s)	How will component(s) meet or not meet ARAR or TBC?
et the substantive requirements by including l procedures in the 95% Design document and for management of identified hazardous ls potentially generated during the remedial Management of identified hazardous ls may include transportation off site for nt and/or disposal.	Disposal Area 4 relocation, OPBWA waste and soil consolidation, NAPL recovery, and leachate extraction	Will meet the substantive requirements by including detailed procedures in the 95% Design document and RAWP for management of identified hazardous materials potentially generated during the remedial action. Management of identified hazardous materials may include transportation off site for treatment and/or disposal.	Disposal Area 4 relocation, OPBWA waste and soil consolidation, NAPL recovery, and leachate extraction	Will meet the substantive requirements by including detailed procedures in the 95% Design document and RAWP for management of identified hazardous materials potentially generated during the remedial action. Management of identified hazardous materials may include transportation off site for treatment and/or disposal.	Disposal Area 4 relocation, OPBWA waste and soil consolidation, NAPL recovery, and leachate extraction	Will meet the substantive requirements by including detailed procedures in the 95% Design document and RAWP for management of identified hazardous materials potentially generated during the remedial action. Management of identified hazardous materials may include transportation off site for treatment and/or disposal.
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et by incorporating substantive requirements chapters into the 95% Design document for n identified isolated wetlands at the site to te the selected remedy. The requirements e submission of a pre-activity notice that s information such as acceptable wetland tion and categorization, a description of the a description of the acreage of the isolated d that will be subject to filling, site raphs, and a mitigation proposal for the impact olated wetland.	Capping	Will meet by incorporating substantive requirements of these chapters into the 95% Design document for filling in identified isolated wetlands at the site to complete the selected remedy. The requirements prescribe submission of a pre-activity notice that includes information such as acceptable wetland delineation and categorization, a description of the project, a description of the acreage of the isolated wetland that will be subject to filling, site photographs, and a mitigation proposal for the impact to the isolated wetland.	Capping	Will meet by incorporating substantive requirements of these chapters into the 95% Design document for filling in identified isolated wetlands at the site to complete the selected remedy. The requirements prescribe submission of a pre-activity notice that includes information such as acceptable wetland delineation and categorization, a description of the project, a description of the acreage of the isolated wetland that will be subject to filling, site photographs, and a mitigation proposal for the impact to the isolated wetland.	Capping	Will meet by incorporating substantive requirements of these chapters into the 95% Design document for filling in identified isolated wetlands at the site to complete the selected remedy. The requirements prescribe submission of a pre-activity notice that includes information such as acceptable wetland delineation and categorization, a description of the project, a description of the acreage of the isolated wetland that will be subject to filling, site photographs, and a mitigation proposal for the impact to the isolated wetland.
et by incorporating substantive requirements plication for a variance to the prescribed um cap grade. The application for the grade e will include a stability analysis to establish y an alternate grade of less than 5 percent e implemented such that positive drainage is d and maintained to prevent ponding of water olid waste has been placed. The landfill cap will be included in the 95% Design document.	Capping (minimum grade requirement)	Will meet by incorporating substantive requirements into application for a variance to the prescribed minimum cap grade. The application for the grade variance will include a stability analysis to establish whether an alternate grade of less than 5 percent could be implemented such that positive drainage is achieved and maintained to prevent ponding of water where solid waste has been placed. The landfill cap design will be included in the 95% Design document.	Capping (minimum grade requirement)	Will meet by incorporating substantive requirements into application for a variance to the prescribed minimum cap grade. The application for the grade variance will include a stability analysis to establish whether an alternate grade of less than 5 percent could be implemented such that positive drainage is achieved and maintained to prevent ponding of water where solid waste has been placed. The landfill cap design will be included in the 95% Design document.	Capping (minimum grade requirement)	Will meet by incorporating substantive requirements into application for a variance to the prescribed minimum cap grade. The application for the grade variance will include a stability analysis to establish whether an alternate grade of less than 5 percent could be implemented such that positive drainage is achieved and maintained to prevent ponding of water where solid waste has been placed. The landfill cap design will be included in the 95% Design document.
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eet by incorporating substantive requirements posite cap system [OAC 3745-27-11(G)] and osure activities [OAC 3745-27-11(H)] in the esign document and/or RAWP, as appropriate.	Capping, leachate extraction, LFG collection/flaring/monitoring, and groundwater monitoring	Will meet by incorporating substantive requirements for composite cap system [OAC 3745-27-11(G)] and other closure activities [OAC 3745-27-11(H)] in the 95% Design document and/or RAWP, as appropriate.	Capping, leachate extraction, LFG collection/flaring/monitoring, and groundwater monitoring	Will not meet because proposed cap design will exclude recompacted soil barrier beneath FML [OAC 3745-27-08(B)(f)(i)], drainage layer thickness will be 6 inches instead of 12 inches [OAC 3745-27-08(D)(25)(a)(i)], and protection layer thickness will be 24 inches instead of 30 inches [OAC 3745-27-08(D)(26)(b)]. These deviations will require NCP waivers of the requirements to implement. Other applicable substantive requirements will be incorporated in the 95% Design document (leachate extraction system, LFG collection system, surface water control systems to maintain positive drainage, etc.), except for proposed grade variance to be obtained from Ohio EPA [i.e., cap minimum grade - OAC 3745-27-08(C)(4)(c)].	Capping, leachate extraction, LFG collection/flaring/monitoring, and groundwater monitoring	Will not meet because proposed cap design will exclude recompacted soil barrier beneath FML [OAC 3745-27-08(B)(f)(i)], drainage layer thickness will be 6 inches instead of 12 inches [OAC 3745-27-08(D)(25)(a)(i)], and protection layer thickness will be 24 inches instead of 30 inches [OAC 3745-27-08(D)(26)(b)]. These deviations will require NCP waivers of the requirements to implement. Other applicable substantive requirements will be incorporated in the 95% Design document (leachate extraction system, LFG collection system, surface water control systems to maintain positive drainage, etc.), except for proposed grade variance to be obtained from Ohio EPA [i.e., cap minimum grade - OAC 3745-27-08(C)(4)(c)].
eet by incorporating the substantive ments in a detailed plan for filling, grading, cavating at the site. The detailed plan will be ed in the 95% Design document.	Capping, Disposal Area 4 relocation, and OPBWA waste and soil consolidation	Will meet by incorporating the substantive requirements in a detailed plan for filling, grading, and excavating at the site. The detailed plan will be included in the 95% Design document.	Capping, Disposal Area 4 relocation, and OPBWA waste and soil consolidation	Will meet by incorporating the substantive requirements in a detailed plan for filling, grading, and excavating at the site. The detailed plan will be included in the 95% Design document.	Capping, Disposal Area 4 relocation, and OPBWA waste and soil consolidation	Will meet by incorporating the substantive requirements in a detailed plan for filling, grading, and excavating at the site. The detailed plan will be included in the 95% Design document.
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eet by developing and implementing an ion and Maintenance Plan (O&M Plan) that es operating and maintaining, and inspecting tems of the selected remedy, reporting, and s retention for 30 years.	Cap maintenance, leachate/groundwater extraction, LFG collection/flaring/monitoring, groundwater monitoring	Will meet by developing and implementing an Operation and Maintenance Plan (O&M Plan) that includes operating and maintaining, and inspecting the systems of the selected remedy, reporting, and records retention for 30 years.	Cap maintenance, leachate extraction, LFG collection/flaring/monitoring, and groundwater monitoring	Will meet by developing and implementing an Operation and Maintenance Plan (O&M Plan) that includes operating and maintaining, and inspecting the systems of the selected remedy, reporting, and records retention for 30 years.	Cap maintenance, leachate/groundwater extraction, LFG collection/flaring/monitoring, groundwater monitoring	Will meet by developing and implementing an Operation and Maintenance Plan (O&M Plan) that includes operating and maintaining, and inspecting the systems of the selected remedy, reporting, and records retention for 30 years.
eet by including substantive requirements in sign of the leachate discharge system that may e pretreatment. The system discharge will not re with the operation of the POTW and no nts will be discharged that are incompatible e POTW. The leachate discharge system will be included in the 95% Design document.	Leachate/groundwater extraction system (discharging to sanitary sewer)	Will meet by including substantive requirements in the design of the leachate/groundwater discharge system that may require pretreatment. The system discharge will not interfere with the operation of the POTW and no pollutants will be discharged that are incompatible with the POTW. The leachate/groundwater discharge system design will be included in the 95% Design document.	Leachate extraction system (discharging to sanitary sewer)	Will meet by including substantive requirements in the design of the leachate discharge system that may require pretreatment. The system discharge will not interfere with the operation of the POTW and no pollutants will be discharged that are incompatible with the POTW. The leachate discharge system design will be included in the 95% Design document.	Leachate/groundwater extraction system (discharging to sanitary sewer)	Will meet by including substantive requirements in the design of the leachate/groundwater discharge system that may require pretreatment. The system discharge will not interfere with the operation of the POTW and no pollutants will be discharged that are incompatible with the POTW. The leachate/groundwater discharge system design will be included in the 95% Design document.
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DFILL, DAYTON, OHIO

	Alternative 2b (SW Cap and Groundwater Extraction)		*Alternative 3a (Alternate cap)*		*Alternative 3b (Alternate cap and Groundwater Extraction)*	
will component(s) meet or not meet ARAR or TBC?	*Affected Remedial Component(s)*	*How will component(s) meet or not meet ARAR or TBC?*	*Affected Remedial Component(s)*	*How will component(s) meet or not meet ARAR or TBC?*	*Affected Remedial Component(s)*	*How will component(s) meet or not meet ARAR or TBC?*
eet by developing and implementing an ve gas monitoring and reporting plan for ring of explosive gases during implementation selected remedy and long term operation and nance. The plan will incorporate substantive ments and be presented in the 95% Design ent and/or RAWP, as appropriate.	LFG monitoring	Will meet by developing and implementing an explosive gas monitoring and reporting plan for monitoring of explosive gases during implementation of the selected remedy and long term operation and maintenance. The plan will incorporate substantive requirements and be presented in the 95% Design document and/or RAWP, as appropriate.	LFG monitoring	Will meet by developing and implementing an explosive gas monitoring and reporting plan for monitoring of explosive gases during implementation of the selected remedy and long term operation and maintenance. The plan will incorporate substantive requirements and be presented in the 95% Design document and/or RAWP, as appropriate.	LFG monitoring	Will meet by developing and implementing an explosive gas monitoring and reporting plan for monitoring of explosive gases during implementation of the selected remedy and long term operation and maintenance. The plan will incorporate substantive requirements and be presented in the 95% Design document and/or RAWP, as appropriate.
eet by implementing and maintaining ional controls and EC (existing EC to be ed once a remedy is selected).	Institutional controls	Will meet by implementing and maintaining institutional controls and EC (existing EC to be revisited once a remedy is selected).	Institutional controls	Will meet by implementing and maintaining institutional controls and EC (existing EC to be revisited once a remedy is selected).	Institutional controls	Will meet by implementing and maintaining institutional controls and EC (existing EC to be revisited once a remedy is selected).
eet the substantive requirements by nenting a groundwater monitoring program. A lwater monitoring plan will include tion of the monitoring system, procedures for and assessment, list of parameters, and ring frequency, and will be included in the lan. Existing monitoring locations may need djusted and locations added, to monitor ance at the POC.	Groundwater monitoring	Will meet the substantive requirements by implementing a groundwater monitoring program. A groundwater monitoring plan will include description of the monitoring system, procedures for testing and assessment, list of parameters, and monitoring frequency, and will be included in the O&M Plan. Existing monitoring locations may need to be adjusted and locations added, to monitor compliance at the POC.	Groundwater monitoring	Will meet the substantive requirements by implementing a groundwater monitoring program. A groundwater monitoring plan will include description of the monitoring system, procedures for testing and assessment, list of parameters, and monitoring frequency, and will be included in the O&M Plan. Existing monitoring locations may need to be adjusted and locations added, to monitor compliance at the POC.	Groundwater monitoring	Will meet the substantive requirements by implementing a groundwater monitoring program. A groundwater monitoring plan will include description of the monitoring system, procedures for testing and assessment, list of parameters, and monitoring frequency, and will be included in the O&M Plan. Existing monitoring locations may need to be adjusted and locations added, to monitor compliance at the POC.
eet through containment of source area lwater exceeding MCLs within POC and e of groundwater exceeding MCLs beyond nfiltration will be minimized by the cap, ment will be achieved by NAPL ring/recovery, leachate extraction, and water capture. Groundwater monitoring will ine progress towards meeting MCLs at POC. ional controls will restrict groundwater use exceedances of MCLs exist. A NAPL recovery , and leachate extraction and groundwater systems designs will be included in the 95% document. Monitoring plans and procedures ing and assessment will be included in the lan.	Capping, NAPL recovery, leachate/groundwater extraction, groundwater monitoring, and institutional controls	Will meet through containment of source area groundwater exceeding MCLs within POC and capture of groundwater exceeding MCLs beyond POC. Infiltration will be minimized by the cap, containment will be achieved by NAPL monitoring/recovery, leachate and groundwater extraction. Groundwater monitoring will determine progress towards meeting MCLs at POC. Institutional controls will restrict groundwater use where exceedances of MCLs exist. A NAPL recovery system, and leachate and groundwater extraction systems designs will be included in the 95% Design document. Monitoring plans and procedures for testing and assessment will be included in the O&M Plan.	Capping, NAPL recovery, leachate extraction, groundwater capture and monitoring, and institutional controls	Will meet through containment of source area groundwater exceeding MCLs within POC and capture of groundwater exceeding MCLs beyond POC. Infiltration will be minimized by the cap, containment will be achieved by NAPL monitoring/recovery, leachate extraction, and groundwater capture. Groundwater monitoring will determine progress towards meeting MCLs at POC. Institutional controls will restrict groundwater use where exceedances of MCLs exist. A NAPL recovery system, and leachate extraction and groundwater capture systems designs will be included in the 95% Design document. Monitoring plans and procedures for testing and assessment will be included in the O&M Plan.	Capping, NAPL recovery, leachate/groundwater extraction, groundwater monitoring, and institutional controls	Will meet through containment of source area groundwater exceeding MCLs within POC and capture of groundwater exceeding MCLs beyond POC. Infiltration will be minimized by the cap, containment will be achieved by NAPL monitoring/recovery, leachate and groundwater extraction. Groundwater monitoring will determine progress towards meeting MCLs at POC. Institutional controls will restrict groundwater use where exceedances of MCLs exist. A NAPL recovery system, and leachate and groundwater extraction systems designs will be included in the 95% Design document. Monitoring plans and procedures for testing and assessment will be included in the O&M Plan.
eet by satisfying applicable air quality ments for the Metropolitan Dayton Intrastate ality Control Region in the design of the pretreatment system (if necessary) and the llection/flaring system, which will incorporate tive requirements and be presented in the 95% document.	Pretreatment of extracted leachate/groundwater, if necessary, and LFG collection/flaring	Will meet by satisfying applicable air quality requirements for the Metropolitan Dayton Intrastate Air Quality Control Region in the design of the leachate/groundwater pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be presented in the 95% Design document.	Pretreatment of extracted leachate, if necessary, and LFG collection/flaring	Will meet by satisfying applicable air quality requirements for the Metropolitan Dayton Intrastate Air Quality Control Region in the design of the leachate pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be presented in the 95% Design document.	Pretreatment of extracted leachate/groundwater, if necessary, and LFG collection/flaring	Will meet by satisfying applicable air quality requirements for the Metropolitan Dayton Intrastate Air Quality Control Region in the design of the leachate/groundwater pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be presented in the 95% Design document.
eet in the design of the leachate pretreatment (if necessary) and the LFG collection/flaring which will incorporate substantive nents and be presented in the 95% Design nt. An air monitoring plan and procedures ing and assessment of particulate matter, dust, gas, mist, smoke, vapor, or odorous ces, if necessary, will be included in the O&M	Capping, Disposal Area 4 relocation, OPBWA waste and soil consolidation, pretreatment of extracted leachate/groundwater, if necessary, and LFG collection/flaring	Will meet in the design of the leachate/groundwater pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be presented in the 95% Design document. An air monitoring plan and procedures for testing and assessment of particulate matter, dust, fumes, gas, mist, smoke, vapor, or odorous substances, if necessary, will be included in the O&M Plan.	Capping, Disposal Area 4 relocation, OPBWA waste and soil consolidation, pretreatment of extracted leachate, if necessary, and LFG collection/flaring	Will meet in the design of the leachate pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be presented in the 95% Design document. An air monitoring plan and procedures for testing and assessment of particulate matter, dust, fumes, gas, mist, smoke, vapor, or odorous substances, if necessary, will be included in the O&M Plan.	Capping, Disposal Area 4 relocation, OPBWA waste and soil consolidation, pretreatment of extracted leachate/groundwater, if necessary, and LFG collection/flaring	Will meet in the design of the leachate/groundwater pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be presented in the 95% Design document. An air monitoring plan and procedures for testing and assessment of particulate matter, dust, fumes, gas, mist, smoke, vapor, or odorous substances, if necessary, will be included in the O&M Plan.
eet by incorporating substantive requirements 5% Design document. An air monitoring plan cedures for testing and assessment of late matter will be included in the O&M Plan.	Capping, Disposal Area 4 relocation, and OPBWA waste and soil consolidation	Will meet by incorporating substantive requirements in the 95% Design document. An air monitoring plan and procedures for testing and assessment of particulate matter will be included in the O&M Plan	Capping, Disposal Area 4 relocation, and OPBWA waste and soil consolidation	Will meet by incorporating substantive requirements in the 95% Design document. An air monitoring plan and procedures for testing and assessment of particulate matter will be included in the O&M Plan.	Capping, Disposal Area 4 relocation, and OPBWA waste and soil consolidation	Will meet by incorporating substantive requirements in the 95% Design document. An air monitoring plan and procedures for testing and assessment of particulate matter will be included in the O&M Plan.
eet in the design of the leachate pretreatment (if necessary) and the LFG collection/flaring which will incorporate substantive nents and be presented in the 95% Design nt. An air monitoring plan and procedures ng and assessment of carbon monoxide, ozone, drocarbon, if necessary, will be included in the lan.	Pretreatment of extracted leachate/groundwater, if necessary, and LFG collection/flaring	Will meet in the design of the leachate/groundwater pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be presented in the 95% Design document. An air monitoring plan and procedures for testing and assessment of carbon monoxide, ozone, and hydrocarbon, if necessary, will be included in the O&M Plan.	Pretreatment of extracted leachate, if necessary, and LFG collection/flaring	Will meet in the design of the leachate pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be presented in the 95% Design document. An air monitoring plan and procedures for testing and assessment of carbon monoxide, ozone, and hydrocarbon, if necessary, will be included in the O&M Plan.	Pretreatment of extracted leachate/groundwater, if necessary, and LFG collection/flaring	Will meet in the design of the leachate/groundwater pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be presented in the 95% Design document. An air monitoring plan and procedures for testing and assessment of carbon monoxide, ozone, and hydrocarbon, if necessary, will be included in the O&M Plan.
eet in the design and implementation of ion plan that will include odor suppression ologies, if necessary, and design of the pretreatment system (if necessary) and the llection/flaring system, which will incorporate tive requirements and be included in the 95% document.	Disposal Area 4 relocation, OPBWA waste and soil consolidation, pretreatment of extracted leachate/groundwater, if necessary, and LFG collection/flaring	Will meet in the design and implementation of excavation plan that will include odor suppression methodologies, if necessary, and design of the leachate/groundwater pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be included in the 95% Design document.	Disposal Area 4 relocation, OPBWA waste and soil consolidation, pretreatment of extracted leachate, if necessary, and LFG collection/flaring	Will meet in the design and implementation of excavation plan that will include odor suppression methodologies, if necessary, and design of the leachate pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be included in the 95% Design document.	Disposal Area 4 relocation, OPBWA waste and soil consolidation, pretreatment of extracted leachate/groundwater, if necessary, and LFG collection/flaring	Will meet in the design and implementation of excavation plan that will include odor suppression methodologies, if necessary, and design of the leachate/groundwater pretreatment system (if necessary) and the LFG collection/flaring system, which will incorporate substantive requirements and be included in the 95% Design document.
eet by relocating and consolidating waste and nstructing a cap over the waste, NAPL , leachate extraction, LFG collection/flaring, plementing institutional controls. The landfill d NAPL recovery, leachate extraction, and LFG on/flaring systems designs will be included in Design document.	Capping, Disposal Area 4 relocation, OPBWA waste and soil consolidation, NAPL recovery, leachate/groundwater extraction, LFG collection/flaring, and institutional controls	Will meet by relocating and consolidating waste and soil, constructing a cap over the waste, NAPL recovery, leachate/groundwater extraction, LFG collection/flaring, and implementing institutional controls. The landfill cap, and NAPL recovery, leachate/groundwater extraction, and LFG collection/flaring systems designs will be included in the 95% Design document.	Capping, Disposal Area 4 relocation, OPBWA waste and soil consolidation, NAPL recovery, leachate extraction, LFG collection/flaring, and institutional controls	Will meet by relocating and consolidating waste and soil, constructing a cap over the waste, NAPL recovery, leachate extraction, LFG collection/flaring, and implementing institutional controls. The landfill cap, and NAPL recovery, leachate extraction, and LFG collection/flaring systems designs will be included in the 95% Design document.	Capping, Disposal Area 4 relocation, OPBWA waste and soil consolidation, NAPL recovery, leachate/groundwater extraction, LFG collection/flaring, and institutional controls	Will meet by relocating and consolidating waste and soil, constructing a cap over the waste, NAPL recovery, leachate/groundwater extraction, LFG collection/flaring, and implementing institutional controls. The landfill cap, and NAPL recovery, leachate/groundwater extraction, and LFG collection/flaring systems designs will be included in the 95% Design document.
ct by management of regulated substances, if the site during the remedial action, in nce the ordinance. The 95% Design document WP will include reference to the above code.	Capping, Disposal Area 4 relocation, OPBWA waste and soil consolidation, NAPL recovery, leachate/groundwater extraction, LFG collection/flaring/monitoring, and groundwater monitoring	Will meet by management of regulated substances, if used on the site during the remedial action, in accordance the ordinance. The 95% Design document and RAWP will include reference to the above code.	Capping, Disposal Area 4 relocation, OPBWA waste and soil consolidation, NAPL recovery, leachate extraction, LFG collection/flaring/monitoring, and groundwater monitoring	Will meet by management of regulated substances, if used on the site during the remedial action, in accordance the ordinance. The 95% Design document and RAWP will include reference to the above code.	Capping, Disposal Area 4 relocation, OPBWA waste and soil consolidation, NAPL recovery, leachate/groundwater extraction, LFG collection/flaring/monitoring, and groundwater monitoring	Will meet by management of regulated substances, if used on the site during the remedial action, in accordance the ordinance. The 95% Design document and RAWP will include reference to the above code.
eet by recovering NAPL (which may contain nd implementing institutional controls. The recovery system design will be included in the sign document.	NAPL (which may contain PCBs) recovery and institutional controls	Will meet by recovering NAPL (which may contain PCBs) and implementing institutional controls. The NAPL recovery system design will be included in the 95% Design document.	NAPL (which may contain PCBs) recovery and institutional controls	Will meet by recovering NAPL (which may contain PCBs) and implementing institutional controls. The NAPL recovery system design will be included in the 95% Design document.	NAPL (which may contain PCBs) recovery and institutional controls	Will meet by recovering NAPL (which may contain PCBs) and implementing institutional controls. The NAPL recovery system design will be included in the 95% Design document.
eet by including substantive requirements in gn of the leachate discharge system that may pretreatment. The leachate discharge system will be included in the 95% Design document.	Leachate/groundwater extraction system (discharging to sanitary sewer)	Will meet by including substantive requirements in the design of the leachate/groundwater discharge system that may require pretreatment. The leachate/groundwater discharge system design will be included in the 95% Design document.	Leachate extraction system (discharging to sanitary sewer)	Will meet by including substantive requirements in the design of the leachate discharge system that may require pretreatment. The leachate discharge system design will be included in the 95% Design document.	Leachate/groundwater extraction system (discharging to sanitary sewer)	Will meet by including substantive requirements in the design of the leachate/groundwater discharge system that may require pretreatment. The leachate/groundwater discharge system design will be included in the 95% Design document.
eet by collecting post-excavation soil samples, mples, and groundwater samples that will be assess risk using USEPA Cancer Slope Factors, vailable. Disposal Area 4 and OPBWA post- ion sampling, and LFG and groundwater ring plans and procedures for testing and ment related to risk will be included in the	Disposal Area 4 relocation, OPBWA waste and soil consolidation, and LFG and groundwater monitoring	Will meet by collecting post-excavation soil samples, LFG samples, and groundwater samples that will be used to assess risk using USEPA Cancer Slope Factors, where available. Disposal Area 4 and OPBWA post-excavation sampling, and LFG and groundwater monitoring plans and procedures for testing and assessment related to risk will be included in the RAWP.	Disposal Area 4 relocation, OPBWA waste and soil consolidation, and LFG and groundwater monitoring	Will meet by collecting post-excavation soil samples, LFG samples, and groundwater samples that will be used to assess risk using USEPA Cancer Slope Factors, where available. Disposal Area 4 and OPBWA post-excavation sampling, and LFG and groundwater monitoring plans and procedures for testing and assessment related to risk will be included in the RAWP.	Disposal Area 4 relocation, OPBWA waste and soil consolidation, and LFG and groundwater monitoring	Will meet by collecting post-excavation soil samples, LFG samples, and groundwater samples that will be used to assess risk using USEPA Cancer Slope Factors, where available. Disposal Area 4 and OPBWA post-excavation sampling, and LFG and groundwater monitoring plans and procedures for testing and assessment related to risk will be included in the RAWP.
eet by collecting post-excavation soil samples, mples, and groundwater samples that will be assess risk using USEPA Reference Doses, vailable. Disposal Area 4 and OPBWA post- ion sampling, and LFG and groundwater ring plans and procedures for testing and ment related to risk will be included in the	Disposal Area 4 relocation, OPBWA waste and soil consolidation, and LFG and groundwater monitoring	Will meet by collecting post-excavation soil samples, LFG samples, and groundwater samples that will be used to assess risk using USEPA Reference Doses, where available. Disposal Area 4 and OPBWA post-excavation sampling, and LFG and groundwater monitoring plans and procedures for testing and assessment related to risk will be included in the RAWP.	Disposal Area 4 relocation, OPBWA waste and soil consolidation, and LFG and groundwater monitoring	Will meet by collecting post-excavation soil samples, LFG samples, and groundwater samples that will be used to assess risk using USEPA Reference Doses, where available. Disposal Area 4 and OPBWA post-excavation sampling, and LFG and groundwater monitoring plans and procedures for testing and assessment related to risk will be included in the RAWP.	Disposal Area 4 relocation, OPBWA waste and soil consolidation, and LFG and groundwater monitoring	Will meet by collecting post-excavation soil samples, LFG samples, and groundwater samples that will be used to assess risk using USEPA Reference Doses, where available. Disposal Area 4 and OPBWA post-excavation sampling, and LFG and groundwater monitoring plans and procedures for testing and assessment related to risk will be included in the RAWP.