TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-58869-1

Job Description: Hattiesburg Treat.Solid/Filtrate 6/23/10

For:
Ashland Inc.
500 Hercules Road
Wilmington, DE 19894

Attention: Timothy Hassett

Approved for release.
Lidya Gulizia
Project Manager I
7/19/2010 3:48 PM

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07/19/2010

cc: Craig Derouen

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ACCREDITED IN ACCORDANCE WITH nelac

Receipt
Very limited quantities of samples were submitted for analysis for several of the project samples. Parameters were prioritized as necessary following the client's instructions and performed on reduced sample quantities as necessary. In some cases, certain parameters could not be performed due to the consumption of the sample and these parameters were cancelled.

Other than the above, all samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 624: Elevated reporting limits are provided for the following sample due to insufficient sample provided for analysis: IBS-4 Filter Press Filtrate (680-58869-7)

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 625: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 172750 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 625: The following sample(s) contained one acid and/or one base surrogate outside acceptance limits: IBS-4 Centrifuge Centrate (250 ppm Cation Polymer) Polymer)) (680-58869-11) and IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer) (680-58869-5). . The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 625: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 4 analytes to recover outside criteria for this method when a full list spike is utilized. The MS associated with batch 172750 had 3 analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 625: The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 172750 acid fraction exceeded control limits for the following analytes: 2,4-Dimethylphenol. The analyte is within control limits in the base fraction where it is also recovered.

Method(s) 8270C: A surrogate failed in the method blank (MB) for batch 172973. All samples in the batch were re-extracted out of hold. Both sets of data have been reported.

Method(s) 8270C: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 4 analytes to recover outside criteria for this method when a full list spike is utilized. The MS/MSD associated with batch 173236 had 1 analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 173236 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8270C: The following sample(s) contained one acid and/or one base surrogate outside acceptance limits: the MS/MSD samples associated with IBS-8 Filter Cake Solids (680-58944-2 MS and 680-58944-2 MSD). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 173236 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 173953 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8081A_8082: Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: These results have been reported and qualified.

Method(s) 8081A_8082: Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: IBS-2 (10% Quick Lime) (680-58869-14), IBS-2 (25% Fly Ash) (680-58869-15), IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer) (680-58869-5), IBS-4 Centrifuge Solids (No Polymer) (680-58869-3), IBS-4 Filtered Cake Solid (680-58869-1),

IBS-8 Filter Cake Solids (680-58869-2), IBS-2 (5 % Portland) (680-58869-13), and IBS-8 Gravity Dewatering Solids (680-58869-6) and its associated MS/MSD (680-58869-6 MS and 680-58869-6 MSD). These results have been reported and qualified.

Method(s) 8081A_8082: Surrogate recovery for the following sample(s) was outside control limits: IBS-2 (5 % Portland) (680-58869-13). Re-extraction and/or re-analysis was performed with concurring results. Both sets of data have been reported.

Method(s) 8151A: The %RPD between the primary and confirmation column exceeded 40% for 2,4-DCAA for the following sample(s): IBS-4 Centrifuge Solids (No Polymer) (680-58869-3), IBS-4 Filtered Cake Solid (680-58869-1), IBS-8 Filter Cake Solids (680-58869-2). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method(s) 515.1, 8151A: The closing continuing calibration verification on column one (CCV) for samples IBS-2 (10% Quick Lime) (680-58869-14), IBS-2 (25% Fly Ash) (680-58869-15), IBS-2 (5 % Portland) (680-58869-13), IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer) (680-58869-4), IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer) (680-58869-5), IBS-8 Gravity Dewatering Solids (680-58869-6)recovered above the upper control limit. The CCV on column two met all acceptance criteria. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported from column two.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method(s) 1030: The following sample(s) did not ignite: (680-58944-6 DU), IBS-2 (10% Quick Lime) (680-58869-14), IBS-2 (25% Fly Ash) (680-58869-15), IBS-2 (5 % Portland) (680-58869-13), IBS-4 Filtered Cake Solid (680-58869-1), IBS-8 Gravity Dewatering Solids (680-58869-6), Waste Drum 18 (680-58944-6); therefore, an ignitability value could not be obtained. The result has been reported as "No Burn" (NB).

Method(s) 9045C: Insufficient sample volume was left for an 20 gram extraction for soil pH. As such, a lesser volume for analysis was used. This is a deviation from the laboratory Standard Operating Procedure (SOP) and was performed due to the very limited amount of sample submitted for analysis.

Method(s) SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples have been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: IBS-4 Centrifuge Centrate (250 ppm Anion Polymer)) (680-58869-10), IBS-4 Centrifuge Centrate (250 ppm Cation Polymer) Polymer)) (680-58869-11), IBS-4 Centrifuge Centrate (No Polymer) (680-58869-9), IBS-4 Filter Press Filtrate (680-58869-7), IBS-4 Gravity Dewatering Liquid (680-58869-12), IBS-8 Filter Press Filtrate (680-58869-8)

Method(s) SM 4500 H+ B: Due to limited sample volume, the ph was determined using ph paper.

No other analytical or quality issues were noted.

Comments
Analysis for Ignitability by Method 1030 could not be completed on the following samples due to the consumption of the sample for other prioritized analyses: IBS-8 Filter Cake Solids (680-58869-2), IBS-4 Centrifuge Solids (No Polymer) (680-58869-4), IBS-4 Centrifuge Solids (250 ppm Anionic Polymer) (680-58869-4) and IBS-4 Centrifuge Solids (250 ppm Cationic Polymer) (680-58869-5).

Analysis to determine percent moisture in the following samples could not be completed due to consumption of the sample for other prioritized analyses: IBS-8 Filter Cake Solids (680-58869-2), IBS-4 Centrifuge Solids (No Polymer) (680-58869-4), IBS-4 Centrifuge Solids (250 ppm Anionic Polymer) (680-58869-4) and IBS-4 Centrifuge Solids (250 ppm Cationic Polymer) (680-58869-5).

The results for total cyanide and sulfide have been reported on an as-received basis for all samples.

No additional comments.

METHOD SUMMARY

Client: Ashland Inc. Job Number: 680-58869-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
TCLP Extraction	TAL SAV		SW846 1311
Purge and Trap	TAL SAV		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
TCLP Extraction	TAL SAV		SW846 1311
Liquid-Liquid Extraction (Continuous)	TAL SAV		SW846 3520C
Organochlorine Pesticides & PCBs (GC)	TAL SAV	SW846 8081A_8082	
TCLP Extraction	TAL SAV		SW846 1311
Liquid-Liquid Extraction (Continuous)	TAL SAV		SW846 3520C
Herbicides (GC)	TAL SAV	SW846 8151A	
TCLP Extraction	TAL SAV		SW846 1311
Extraction (Herbicides)	TAL SAV		SW846 8151A
Metals (ICP)	TAL SAV	SW846 6010B	
TCLP Extraction	TAL SAV		SW846 1311
Preparation, Total Metals	TAL SAV		SW846 3010A
Mercury (CVAA)	TAL SAV	SW846 7470A	
TCLP Extraction	TAL SAV		SW846 1311
Preparation, Mercury	TAL SAV		SW846 7470A
Ignitability, Solids	TAL SAV	SW846 1030	
Cyanide, Total and/or Amenable	TAL SAV	SW846 9012A	
Cyanide, Total and/or Amenable, Distillation	TAL SAV		SW846 9012A
Sulfide, Acid Soluble and Insoluble (Titrimetric)	TAL SAV	SW846 9034	
Sulfide, Distillation (Acid Soluble and Insoluble)	TAL SAV		SW846 9030B
pH	TAL SAV	SW846 9045C	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL SAV	40CFR136A 624	
Semivolatile Organic Compounds (GC/MS)	TAL SAV	40CFR136A 625	
Liquid-Liquid Extraction	TAL SAV		40CFR136A 625
pH	TAL SAV	SM SM 4500 H+ B	

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Ashland Inc. Job Number: 680-58869-1

Method	Analyst	Analyst ID
40CFR136A 624	Cowart, Judson	WJC
SW846 8260B	Lanier, Carolyn	CL
40CFR136A 625	Haynes, Carion	CRH
SW846 8270C	Haynes, Carion	CRH
SW846 8270C	Jakubsen, Melanie	MLJ
SW846 8081A_8082	Kellar, Joshua	JK
SW846 8151A	Kellar, Joshua	JK
SW846 6010B	Bland, Brian	BCB
SW846 7470A	Eaton, Cliff	CE
SW846 1030	Jackson, Michelle S	MSJ
SW846 9012A	McDonald, Debbie	DAM
SW846 9034	McDonald, Debbie	DAM
SW846 9045C	Jackson, Michelle S	MSJ
SM SM 4500 H+ B	Holmes, Tinita	TH

SAMPLE SUMMARY

Client: Ashland Inc. Job Number: 680-58869-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-58869-1	IBS-4 Filtered Cake Solid	Solid	06/23/2010 1400	06/24/2010 1649
680-58869-2	IBS-8 Filter Cake Solids	Solid	06/23/2010 1400	06/24/2010 1649
680-58869-3	IBS-4 Centrifuge Solids (No Polymer)	Solid	06/23/2010 1400	06/24/2010 1649
680-58869-4	IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)	Solid	06/23/2010 1400	06/24/2010 1649
680-58869-5	IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)	Solid	06/23/2010 1400	06/24/2010 1649
680-58869-6	IBS-8 Gravity Dewatering Solids	Solid	06/23/2010 1400	06/24/2010 1649
680-58869-7	IBS-4 Filter Press Filtrate	Water	06/23/2010 1400	06/24/2010 1649
680-58869-8	IBS-8 Filter Press Filtrate	Water	06/23/2010 1400	06/24/2010 1649
680-58869-9	IBS-4 Centrifuge Centrate (No Polymer)	Water	06/23/2010 1400	06/24/2010 1649
680-58869-10	IBS-4 Centrifuge Centrate (250 ppm Anion Polymer))	Water	06/23/2010 1400	06/24/2010 1649
680-58869-11	IBS-4 Centrifuge Centrate (250 ppm Cation Polymer) Polymer))	Water	06/23/2010 1400	06/24/2010 1649
680-58869-12	IBS-4 Gravity Dewatering Liquid	Water	06/23/2010 1400	06/24/2010 1649
680-58869-13	IBS-2 (5 % Portland)	Solid	06/23/2010 1400	06/24/2010 1649
680-58869-14	IBS-2 (10% Quick Lime)	Solid	06/23/2010 1400	06/24/2010 1649
680-58869-15	IBS-2 (25% Fly Ash)	Solid	06/23/2010 1400	06/24/2010 1649

SAMPLE RESULTS

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Filter Press Filtrate**

Lab Sample ID: 680-58869-7 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

624 Volatile Organic Compounds (GC/MS)

Method:	624	Analysis Batch: 680-172807	Instrument ID:	MSA
Preparation:	N/A		Lab File ID:	a057.d
Dilution:	500		Initial Weight/Volume:	5 mL
Date Analyzed:	06/29/2010 1205		Final Weight/Volume:	5 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	500	U	100	500
Bromoform	500	U	250	500
Carbon tetrachloride	500	U	250	500
Chlorobenzene	500	U	50	500
Chlorodibromomethane	500	U	250	500
Chloroethane	500	U	180	500
Chloroform	500	U	70	500
Dichlorobromomethane	500	U	250	500
1,1-Dichloroethane	500	U	250	500
1,2-Dichloroethane	500	U	50	500
1,1-Dichloroethene	500	U	250	500
1,2-Dichloropropane	500	U	250	500
cis-1,3-Dichloropropene	500	U	55	500
trans-1,3-Dichloropropene	500	U	100	500
Ethylbenzene	500	U	55	500
Bromomethane	500	U	400	500
Chloromethane	500	U	75	500
Methylene Chloride	2500	U	500	2500
1,1,2,2-Tetrachloroethane	500	U	90	500
Tetrachloroethene	500	U	250	500
Toluene	280	J	50	500
trans-1,2-Dichloroethene	500	U	100	500
1,1,1-Trichloroethane	500	U	60	500
1,1,2-Trichloroethane	500	U	250	500
Trichloroethene	500	U	250	500
Vinyl chloride	500	U	90	500

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	112		71 - 121
Dibromofluoromethane	111		77 - 129
Toluene-d8 (Surr)	107		79 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Filter Press Filtrate**

Lab Sample ID: 680-58869-8 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

624 Volatile Organic Compounds (GC/MS)

Method: 624 Analysis Batch: 680-172807 Instrument ID: MSA
Preparation: N/A Lab File ID: a063.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/29/2010 1423 Final Weight/Volume: 5 mL
Date Prepared:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.3		0.20	1.0
Bromoform	1.0	U	0.50	1.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.10	1.0
Chlorodibromomethane	1.0	U	0.50	1.0
Chloroethane	1.0	U	0.36	1.0
Chloroform	1.0	U	0.14	1.0
Dichlorobromomethane	1.0	U	0.50	1.0
1,1-Dichloroethane	1.0	U	0.50	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.50	1.0
1,2-Dichloropropane	1.0	U	0.50	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0
Ethylbenzene	1.0	U	0.11	1.0
Bromomethane	1.0	U	0.80	1.0
Chloromethane	1.0	U	0.15	1.0
Methylene Chloride	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.50	1.0
Toluene	100		0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
1,1,1-Trichloroethane	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.50	1.0
Trichloroethene	1.0	U	0.50	1.0
Vinyl chloride	1.0	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	102		71 - 121
Dibromofluoromethane	83		77 - 129
Toluene-d8 (Surr)	105		79 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Centrate (No Polymer)**

Lab Sample ID: 680-58869-9 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

624 Volatile Organic Compounds (GC/MS)

Method: 624 Analysis Batch: 680-172807 Instrument ID: MSA
Preparation: N/A Lab File ID: a067.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/29/2010 1548 Final Weight/Volume: 5 mL
Date Prepared:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.0	U	0.20	1.0
Bromoform	1.0	U	0.50	1.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.10	1.0
Chlorodibromomethane	1.0	U	0.50	1.0
Chloroethane	1.0	U	0.36	1.0
Chloroform	1.0	U	0.14	1.0
Dichlorobromomethane	1.0	U	0.50	1.0
1,1-Dichloroethane	1.0	U	0.50	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.50	1.0
1,2-Dichloropropane	1.0	U	0.50	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0
Ethylbenzene	1.0	U	0.11	1.0
Bromomethane	1.0	U	0.80	1.0
Chloromethane	1.0	U	0.15	1.0
Methylene Chloride	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.50	1.0
Toluene	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
1,1,1-Trichloroethane	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.50	1.0
Trichloroethene	1.0	U	0.50	1.0
Vinyl chloride	1.0	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	109		71 - 121
Dibromofluoromethane	116		77 - 129
Toluene-d8 (Surr)	105		79 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Centrate (250 ppm Anion Polymer))**

Lab Sample ID: 680-58869-10 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

624 Volatile Organic Compounds (GC/MS)

Method: 624 Analysis Batch: 680-172807 Instrument ID: MSA
Preparation: N/A Lab File ID: a069.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/29/2010 1627 Final Weight/Volume: 5 mL
Date Prepared:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.0	U	0.20	1.0
Bromoform	1.0	U	0.50	1.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.10	1.0
Chlorodibromomethane	1.0	U	0.50	1.0
Chloroethane	1.0	U	0.36	1.0
Chloroform	1.0	U	0.14	1.0
Dichlorobromomethane	1.0	U	0.50	1.0
1,1-Dichloroethane	1.0	U	0.50	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.50	1.0
1,2-Dichloropropane	1.0	U	0.50	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0
Ethylbenzene	1.0	U	0.11	1.0
Bromomethane	1.0	U	0.80	1.0
Chloromethane	1.0	U	0.15	1.0
Methylene Chloride	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.50	1.0
Toluene	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
1,1,1-Trichloroethane	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.50	1.0
Trichloroethene	1.0	U	0.50	1.0
Vinyl chloride	1.0	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	104		71 - 121
Dibromofluoromethane	115		77 - 129
Toluene-d8 (Surr)	107		79 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Centrate (250 ppm Cation Polymer) Polymer))**

Lab Sample ID: 680-58869-11 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

624 Volatile Organic Compounds (GC/MS)

Method:	624	Analysis Batch: 680-173042	Instrument ID:	MSA
Preparation:	N/A		Lab File ID:	a080.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 1757		Final Weight/Volume:	5 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.0	U	0.20	1.0
Bromoform	1.0	U	0.50	1.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.10	1.0
Chlorodibromomethane	1.0	U	0.50	1.0
Chloroethane	1.0	U	0.36	1.0
Chloroform	1.0	U	0.14	1.0
Dichlorobromomethane	1.0	U	0.50	1.0
1,1-Dichloroethane	1.0	U	0.50	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.50	1.0
1,2-Dichloropropane	1.0	U	0.50	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0
Ethylbenzene	1.0	U	0.11	1.0
Bromomethane	1.0	U	0.80	1.0
Chloromethane	1.0	U	0.15	1.0
Methylene Chloride	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.50	1.0
Toluene	0.52	J	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
1,1,1-Trichloroethane	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.50	1.0
Trichloroethene	1.0	U	0.50	1.0
Vinyl chloride	1.0	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	104		71 - 121
Dibromofluoromethane	108		77 - 129
Toluene-d8 (Surr)	91		79 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Gravity Dewatering Liquid**

Lab Sample ID: 680-58869-12 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

624 Volatile Organic Compounds (GC/MS)

Method: 624 Analysis Batch: 680-172807 Instrument ID: MSA
Preparation: N/A Lab File ID: a066.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/29/2010 1529 Final Weight/Volume: 5 mL
Date Prepared:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.0	U	0.20	1.0
Bromoform	1.0	U	0.50	1.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.10	1.0
Chlorodibromomethane	1.0	U	0.50	1.0
Chloroethane	1.0	U	0.36	1.0
Chloroform	1.0	U	0.14	1.0
Dichlorobromomethane	1.0	U	0.50	1.0
1,1-Dichloroethane	1.0	U	0.50	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.50	1.0
1,2-Dichloropropane	1.0	U	0.50	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0
Ethylbenzene	1.0	U	0.11	1.0
Bromomethane	1.0	U	0.80	1.0
Chloromethane	1.0	U	0.15	1.0
Methylene Chloride	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.50	1.0
Toluene	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
1,1,1-Trichloroethane	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.50	1.0
Trichloroethene	1.0	U	0.50	1.0
Vinyl chloride	1.0	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	108		71 - 121
Dibromofluoromethane	116		77 - 129
Toluene-d8 (Surr)	106		79 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Filtered Cake Solid**

Lab Sample ID: 680-58869-1 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 680-173051		Instrument ID:	MSP
Preparation:	5030B			Lab File ID:	p0287.d
Dilution:	20	Leachate Batch: 680-172800		Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 1920			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 1920				
Date Leached:	06/28/2010 1652				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		0.020	U	0.020	0.020
Carbon tetrachloride		0.020	U	0.020	0.020
Chlorobenzene		0.020	U	0.020	0.020
Chloroform		0.020	U	0.020	0.020
1,2-Dichloroethane		0.020	U	0.020	0.020
1,1-Dichloroethene		0.020	U	0.020	0.020
2-Butanone (MEK)		0.81		0.20	0.20
Tetrachloroethene		0.020	U	0.020	0.020
Trichloroethene		0.020	U	0.020	0.020
Vinyl chloride		0.020	U	0.020	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	94		75 - 120
Dibromofluoromethane	90		75 - 121
Toluene-d8 (Surr)	104		75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Filter Cake Solids**

Lab Sample ID: 680-58869-2 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 680-173051		Instrument ID:	MSP
Preparation:	5030B			Lab File ID:	p0289.d
Dilution:	20	Leachate Batch: 680-172800		Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 1950			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 1950				
Date Leached:	06/28/2010 1652				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		0.020	U	0.020	0.020
Carbon tetrachloride		0.020	U	0.020	0.020
Chlorobenzene		0.020	U	0.020	0.020
Chloroform		0.020	U	0.020	0.020
1,2-Dichloroethane		0.020	U	0.020	0.020
1,1-Dichloroethene		0.020	U	0.020	0.020
2-Butanone (MEK)		0.20	U	0.20	0.20
Tetrachloroethene		0.020	U	0.020	0.020
Trichloroethene		0.020	U	0.020	0.020
Vinyl chloride		0.020	U	0.020	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	90		75 - 120
Dibromofluoromethane	86		75 - 121
Toluene-d8 (Surr)	102		75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (No Polymer)**

Lab Sample ID: 680-58869-3 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 680-173051		Instrument ID:	MSP
Preparation:	5030B			Lab File ID:	p0291.d
Dilution:	20	Leachate Batch: 680-172800		Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 2019			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 2019				
Date Leached:	06/28/2010 1652				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		0.020	U	0.020	0.020
Carbon tetrachloride		0.020	U	0.020	0.020
Chlorobenzene		0.020	U	0.020	0.020
Chloroform		0.020	U	0.020	0.020
1,2-Dichloroethane		0.020	U	0.020	0.020
1,1-Dichloroethene		0.020	U	0.020	0.020
2-Butanone (MEK)		0.20	U	0.20	0.20
Tetrachloroethene		0.020	U	0.020	0.020
Trichloroethene		0.020	U	0.020	0.020
Vinyl chloride		0.020	U	0.020	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	91		75 - 120
Dibromofluoromethane	94		75 - 121
Toluene-d8 (Surr)	103		75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)**

Lab Sample ID: 680-58869-4 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 680-173036		Instrument ID:	MSP2
Preparation:	5030B			Lab File ID:	p0282.d
Dilution:	20	Leachate Batch: 680-172800		Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 1806			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 1806				
Date Leached:	06/28/2010 1652				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		0.020	U	0.020	0.020
Carbon tetrachloride		0.020	U	0.020	0.020
Chlorobenzene		0.020	U	0.020	0.020
Chloroform		0.020	U	0.020	0.020
1,2-Dichloroethane		0.020	U	0.020	0.020
1,1-Dichloroethene		0.020	U	0.020	0.020
2-Butanone (MEK)		0.20	U	0.20	0.20
Tetrachloroethene		0.020	U	0.020	0.020
Trichloroethene		0.020	U	0.020	0.020
Vinyl chloride		0.020	U	0.020	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	94		75 - 120
Dibromofluoromethane	89		75 - 121
Toluene-d8 (Surr)	101		75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)**

Lab Sample ID: 680-58869-5 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 680-173036		Instrument ID:	MSP2
Preparation:	5030B			Lab File ID:	p0284.d
Dilution:	20	Leachate Batch: 680-172800		Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 1836			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 1836				
Date Leached:	06/28/2010 1652				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		0.020	U	0.020	0.020
Carbon tetrachloride		0.020	U	0.020	0.020
Chlorobenzene		0.020	U	0.020	0.020
Chloroform		0.020	U	0.020	0.020
1,2-Dichloroethane		0.020	U	0.020	0.020
1,1-Dichloroethene		0.020	U	0.020	0.020
2-Butanone (MEK)		0.20	U	0.20	0.20
Tetrachloroethene		0.020	U	0.020	0.020
Trichloroethene		0.020	U	0.020	0.020
Vinyl chloride		0.020	U	0.020	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	94		75 - 120
Dibromofluoromethane	81		75 - 121
Toluene-d8 (Surr)	104		75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Gravity Dewatering Solids**

Lab Sample ID: 680-58869-6 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 680-173036		Instrument ID:	MSP2
Preparation:	5030B			Lab File ID:	p0286.d
Dilution:	20	Leachate Batch: 680-172800		Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 1905			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 1905				
Date Leached:	06/29/2010 1309				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		0.020	U	0.020	0.020
Carbon tetrachloride		0.020	U	0.020	0.020
Chlorobenzene		0.020	U	0.020	0.020
Chloroform		0.020	U	0.020	0.020
1,2-Dichloroethane		0.020	U	0.020	0.020
1,1-Dichloroethene		0.020	U	0.020	0.020
2-Butanone (MEK)		0.20	U	0.20	0.20
Tetrachloroethene		0.020	U	0.020	0.020
Trichloroethene		0.020	U	0.020	0.020
Vinyl chloride		0.020	U	0.020	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	92		75 - 120
Dibromofluoromethane	87		75 - 121
Toluene-d8 (Surr)	102		75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (5 % Portland)**

Lab Sample ID: 680-58869-13 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 680-173036		Instrument ID:	MSP2
Preparation:	5030B			Lab File ID:	p0290.d
Dilution:	20	Leachate Batch: 680-172800		Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 2005			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 2005				
Date Leached:	06/28/2010 1652				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		0.020	U	0.020	0.020
Carbon tetrachloride		0.020	U	0.020	0.020
Chlorobenzene		0.020	U	0.020	0.020
Chloroform		0.020	U	0.020	0.020
1,2-Dichloroethane		0.020	U	0.020	0.020
1,1-Dichloroethene		0.020	U	0.020	0.020
2-Butanone (MEK)		0.20	U	0.20	0.20
Tetrachloroethene		0.020	U	0.020	0.020
Trichloroethene		0.020	U	0.020	0.020
Vinyl chloride		0.020	U	0.020	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	91		75 - 120
Dibromofluoromethane	105		75 - 121
Toluene-d8 (Surr)	102		75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (10% Quick Lime)**

Lab Sample ID: 680-58869-14 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 680-173036		Instrument ID:	MSP2
Preparation:	5030B			Lab File ID:	p0288.d
Dilution:	20	Leachate Batch: 680-172800		Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 1935			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 1935				
Date Leached:	06/28/2010 1652				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		0.020	U	0.020	0.020
Carbon tetrachloride		0.020	U	0.020	0.020
Chlorobenzene		0.020	U	0.020	0.020
Chloroform		0.020	U	0.020	0.020
1,2-Dichloroethane		0.020	U	0.020	0.020
1,1-Dichloroethene		0.020	U	0.020	0.020
2-Butanone (MEK)		0.20	U	0.20	0.20
Tetrachloroethene		0.020	U	0.020	0.020
Trichloroethene		0.020	U	0.020	0.020
Vinyl chloride		0.020	U	0.020	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	89		75 - 120
Dibromofluoromethane	78		75 - 121
Toluene-d8 (Surr)	101		75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (25% Fly Ash)**

Lab Sample ID: 680-58869-15 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 680-173036		Instrument ID:	MSP2
Preparation:	5030B			Lab File ID:	p0292.d
Dilution:	20	Leachate Batch: 680-172800		Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 2034			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 2034				
Date Leached:	06/28/2010 1652				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		0.020	U	0.020	0.020
Carbon tetrachloride		0.020	U	0.020	0.020
Chlorobenzene		0.020	U	0.020	0.020
Chloroform		0.020	U	0.020	0.020
1,2-Dichloroethane		0.020	U	0.020	0.020
1,1-Dichloroethene		0.020	U	0.020	0.020
2-Butanone (MEK)		0.20	U	0.20	0.20
Tetrachloroethene		0.020	U	0.020	0.020
Trichloroethene		0.020	U	0.020	0.020
Vinyl chloride		0.020	U	0.020	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		75 - 120
Dibromofluoromethane	87		75 - 121
Toluene-d8 (Surr)	102		75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Filter Press Filtrate**

Lab Sample ID: 680-58869-7 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173453		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8101.d
Dilution:	1.0			Initial Weight/Volume:	150 mL
Date Analyzed:	07/07/2010 0221			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	33	U	2.5	33
Anthracene	33	U	2.4	33
Bis(2-ethylhexyl) phthalate	33	U	5.3	33
1,2-Dichlorobenzene	33	U	1.9	33
1,3-Dichlorobenzene	33	U	2.2	33
1,4-Dichlorobenzene	33	U	1.9	33
Diethyl phthalate	33	U	2.9	33
Dimethyl phthalate	33	U	3.2	33
Di-n-butyl phthalate	33	U	2.9	33
Fluoranthene	33	U	2.4	33
Fluorene	33	U	3.1	33
Hexachlorobenzene	33	U	2.7	33
Hexachlorobutadiene	33	U	2.1	33
Hexachloroethane	33	U	2.7	33
Naphthalene	33	U	0.57	33
Nitrobenzene	33	U	1.9	33
Phenanthrene	33	U	2.7	33
Pyrene	33	U	2.1	33
1,2,4-Trichlorobenzene	33	U	1.9	33

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	65		38 - 121
Nitrobenzene-d5	67		44 - 119
Terphenyl-d14	45		10 - 165

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Filter Press Filtrate**

Lab Sample ID: 680-58869-7 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173537		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8142.d
Dilution:	1.0			Initial Weight/Volume:	150 mL
Date Analyzed:	07/08/2010 0116			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Nitrophenol	33	U	2.5	33
4,6-Dinitro-o-cresol	170	U	17	170
4-Nitrophenol	170	U	33	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	50		35 - 110
2,4,6-Tribromophenol	64		34 - 132
Phenol-d5	46		27 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Filter Press Filtrate**

Lab Sample ID: 680-58869-8 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173453		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8102.d
Dilution:	1.0			Initial Weight/Volume:	175 mL
Date Analyzed:	07/07/2010 0244			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	29	U	2.1	29
Anthracene	29	U	2.1	29
Bis(2-ethylhexyl) phthalate	29	U	4.6	29
1,2-Dichlorobenzene	29	U	1.6	29
1,3-Dichlorobenzene	29	U	1.9	29
1,4-Dichlorobenzene	29	U	1.7	29
Diethyl phthalate	29	U	2.5	29
Dimethyl phthalate	29	U	2.8	29
Di-n-butyl phthalate	29	U	2.5	29
Fluoranthene	29	U	2.0	29
Fluorene	29	U	2.7	29
Hexachlorobenzene	29	U	2.3	29
Hexachlorobutadiene	29	U	1.8	29
Hexachloroethane	29	U	2.3	29
Naphthalene	29	U	0.49	29
Nitrobenzene	29	U	1.7	29
Phenanthrene	29	U	2.3	29
Pyrene	29	U	1.8	29
1,2,4-Trichlorobenzene	29	U	1.6	29

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	66		38 - 121
Nitrobenzene-d5	68		44 - 119
Terphenyl-d14	50		10 - 165

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Filter Press Filtrate**

Lab Sample ID: 680-58869-8 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173537		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8143.d
Dilution:	1.0			Initial Weight/Volume:	175 mL
Date Analyzed:	07/08/2010 0139			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Nitrophenol	29	U	2.1	29
4,6-Dinitro-o-cresol	140	U	14	140
4-Nitrophenol	140	U	29	140

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	61		35 - 110
2,4,6-Tribromophenol	71		34 - 132
Phenol-d5	58		27 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Centrate (No Polymer)**

Lab Sample ID: 680-58869-9 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173453		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8103.d
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	07/07/2010 0307			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	50	U	3.8	50
Anthracene	50	U	3.6	50
Bis(2-ethylhexyl) phthalate	50	U	8.0	50
1,2-Dichlorobenzene	50	U	2.8	50
1,3-Dichlorobenzene	50	U	3.3	50
1,4-Dichlorobenzene	50	U	2.9	50
Diethyl phthalate	50	U	4.3	50
Dimethyl phthalate	50	U	4.8	50
Di-n-butyl phthalate	50	U	4.4	50
Fluoranthene	50	U	3.6	50
Fluorene	50	U	4.6	50
Hexachlorobenzene	50	U	4.0	50
Hexachlorobutadiene	50	U	3.1	50
Hexachloroethane	50	U	4.0	50
Naphthalene	50	U	0.85	50
Nitrobenzene	50	U	2.9	50
Phenanthrene	50	U	4.0	50
Pyrene	50	U	3.2	50
1,2,4-Trichlorobenzene	50	U	2.8	50

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	53		38 - 121
Nitrobenzene-d5	45		44 - 119
Terphenyl-d14	31		10 - 165

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Centrate (No Polymer)**

Lab Sample ID: 680-58869-9 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173537		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8144.d
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	07/08/2010 0202			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Nitrophenol	50	U	3.7	50
4,6-Dinitro-o-cresol	250	U	25	250
4-Nitrophenol	250	U	50	250

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	45		35 - 110
2,4,6-Tribromophenol	78		34 - 132
Phenol-d5	53		27 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Centrate (250 ppm Anion Polymer))**

Lab Sample ID: 680-58869-10 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173453		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8104.d
Dilution:	1.0			Initial Weight/Volume:	75 mL
Date Analyzed:	07/07/2010 0331			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	67	U	5.0	67
Anthracene	67	U	4.9	67
Bis(2-ethylhexyl) phthalate	67	U	11	67
1,2-Dichlorobenzene	67	U	3.7	67
1,3-Dichlorobenzene	67	U	4.4	67
1,4-Dichlorobenzene	67	U	3.9	67
Diethyl phthalate	67	U	5.7	67
Dimethyl phthalate	67	U	6.5	67
Di-n-butyl phthalate	67	U	5.9	67
Fluoranthene	67	U	4.7	67
Fluorene	67	U	6.2	67
Hexachlorobenzene	67	U	5.4	67
Hexachlorobutadiene	67	U	4.1	67
Hexachloroethane	67	U	5.4	67
Naphthalene	67	U	1.1	67
Nitrobenzene	67	U	3.9	67
Phenanthrene	67	U	5.4	67
Pyrene	67	U	4.3	67
1,2,4-Trichlorobenzene	67	U	3.7	67

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	54		38 - 121
Nitrobenzene-d5	53		44 - 119
Terphenyl-d14	37		10 - 165

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Centrate (250 ppm Anion Polymer))**

Lab Sample ID: 680-58869-10 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173537		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8145.d
Dilution:	1.0			Initial Weight/Volume:	75 mL
Date Analyzed:	07/08/2010 0226			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Nitrophenol	67	U	4.9	67
4,6-Dinitro-o-cresol	330	U	33	330
4-Nitrophenol	330	U	67	330

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	50		35 - 110
2,4,6-Tribromophenol	73		34 - 132
Phenol-d5	50		27 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Centrate (250 ppm Cation Polymer) Polymer))**

Lab Sample ID: 680-58869-11 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173453		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8105.d
Dilution:	1.0			Initial Weight/Volume:	75 mL
Date Analyzed:	07/07/2010 0354			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	67	U	5.0	67
Anthracene	67	U	4.9	67
Bis(2-ethylhexyl) phthalate	67	U	11	67
1,2-Dichlorobenzene	67	U	3.7	67
1,3-Dichlorobenzene	67	U	4.4	67
1,4-Dichlorobenzene	67	U	3.9	67
Diethyl phthalate	67	U	5.7	67
Dimethyl phthalate	67	U	6.5	67
Di-n-butyl phthalate	67	U	5.9	67
Fluoranthene	67	U	4.7	67
Fluorene	67	U	6.2	67
Hexachlorobenzene	67	U	5.4	67
Hexachlorobutadiene	67	U	4.1	67
Hexachloroethane	67	U	5.4	67
Naphthalene	67	U	1.1	67
Nitrobenzene	67	U	3.9	67
Phenanthrene	67	U	5.4	67
Pyrene	67	U	4.3	67
1,2,4-Trichlorobenzene	67	U	3.7	67

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	41		38 - 121
Nitrobenzene-d5	34	X	44 - 119
Terphenyl-d14	26		10 - 165

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Centrate (250 ppm Cation Polymer) Polymer))**

Lab Sample ID: 680-58869-11 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173537		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8146.d
Dilution:	1.0			Initial Weight/Volume:	75 mL
Date Analyzed:	07/08/2010 0249			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Nitrophenol	67	U	4.9	67
4,6-Dinitro-o-cresol	330	U	33	330
4-Nitrophenol	330	U	67	330

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	38		35 - 110
2,4,6-Tribromophenol	59		34 - 132
Phenol-d5	44		27 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Gravity Dewatering Liquid**

Lab Sample ID: 680-58869-12 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173453		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8106.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Date Analyzed:	07/07/2010 0417			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	10	U	0.75	10
Anthracene	10	U	0.73	10
Bis(2-ethylhexyl) phthalate	10	U	1.6	10
1,2-Dichlorobenzene	10	U	0.56	10
1,3-Dichlorobenzene	10	U	0.66	10
1,4-Dichlorobenzene	10	U	0.58	10
Diethyl phthalate	10	U	0.86	10
Dimethyl phthalate	10	U	0.97	10
Di-n-butyl phthalate	10	U	0.88	10
Fluoranthene	10	U	0.71	10
Fluorene	10	U	0.93	10
Hexachlorobenzene	10	U	0.81	10
Hexachlorobutadiene	10	U	0.62	10
Hexachloroethane	10	U	0.81	10
Naphthalene	10	U	0.17	10
Nitrobenzene	10	U	0.58	10
Phenanthrene	10	U	0.81	10
Pyrene	10	U	0.64	10
1,2,4-Trichlorobenzene	10	U	0.56	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	67		38 - 121
Nitrobenzene-d5	67		44 - 119
Terphenyl-d14	32		10 - 165

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Gravity Dewatering Liquid**

Lab Sample ID: 680-58869-12 Date Sampled: 06/23/2010 1400
Client Matrix: Water Date Received: 06/24/2010 1649

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 680-173537		Instrument ID:	MSN
Preparation:	625	Prep Batch: 680-172750		Lab File ID:	n8147.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Date Analyzed:	07/08/2010 0313			Final Weight/Volume:	0.5 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
2-Nitrophenol	10	U	0.74	10
4,6-Dinitro-o-cresol	50	U	5.0	50
4-Nitrophenol	50	U	10	50

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	39		35 - 110
2,4,6-Tribromophenol	49		34 - 132
Phenol-d5	30		27 - 119

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Filtered Cake Solid**

Lab Sample ID: 680-58869-1 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-173336		Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-172973		Lab File ID:	n8076.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/06/2010 1354			Final Weight/Volume:	1 mL
Date Prepared:	06/30/2010 1349			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U	0.050	0.050
2,4-Dinitrotoluene		0.050	U	0.050	0.050
Hexachloroethane		0.050	U	0.050	0.050
Hexachlorobenzene		0.050	U	0.050	0.050
Hexachlorobutadiene		0.050	U	0.050	0.050
Methyl Phenols,Total		0.10	U	0.10	0.10
Nitrobenzene		0.050	U	0.050	0.050
Pentachlorophenol		0.25	U	0.25	0.25
Pyridine		0.25	U	0.25	0.25
2,4,5-Trichlorophenol		0.050	U	0.050	0.050
2,4,6-Trichlorophenol		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	92		40 - 139
2-Fluorobiphenyl	30	X	50 - 113
2-Fluorophenol	60		36 - 110
Nitrobenzene-d5	58		45 - 112
Phenol-d5	61		38 - 116
Terphenyl-d14	44		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Filtered Cake Solid**

Lab Sample ID: 680-58869-1 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-173953		Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-173540		Lab File ID:	t4724.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2010 2052	Run Type: RE		Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U H	0.050	0.050
2,4-Dinitrotoluene		0.050	U H	0.050	0.050
Hexachloroethane		0.050	U H	0.050	0.050
Hexachlorobenzene		0.050	U H	0.050	0.050
Hexachlorobutadiene		0.050	U H	0.050	0.050
Methyl Phenols,Total		0.10	U H	0.10	0.10
Nitrobenzene		0.050	U H	0.050	0.050
Pentachlorophenol		0.25	U H	0.25	0.25
Pyridine		0.25	U H	0.25	0.25
2,4,5-Trichlorophenol		0.050	U H	0.050	0.050
2,4,6-Trichlorophenol		0.050	U H	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	75		40 - 139
2-Fluorobiphenyl	39	X	50 - 113
2-Fluorophenol	43		36 - 110
Nitrobenzene-d5	52		45 - 112
Phenol-d5	53		38 - 116
Terphenyl-d14	34		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Filter Cake Solids**

Lab Sample ID: 680-58869-2 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-173336		Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-172973		Lab File ID:	n8077.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/06/2010 1417			Final Weight/Volume:	1 mL
Date Prepared:	06/30/2010 1349			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U	0.050	0.050
2,4-Dinitrotoluene		0.050	U	0.050	0.050
Hexachloroethane		0.050	U	0.050	0.050
Hexachlorobenzene		0.050	U	0.050	0.050
Hexachlorobutadiene		0.050	U	0.050	0.050
Methyl Phenols,Total		0.10	U	0.10	0.10
Nitrobenzene		0.050	U	0.050	0.050
Pentachlorophenol		0.25	U	0.25	0.25
Pyridine		0.25	U	0.25	0.25
2,4,5-Trichlorophenol		0.050	U	0.050	0.050
2,4,6-Trichlorophenol		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	78		40 - 139
2-Fluorobiphenyl	20	X	50 - 113
2-Fluorophenol	52		36 - 110
Nitrobenzene-d5	50		45 - 112
Phenol-d5	53		38 - 116
Terphenyl-d14	30		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Filter Cake Solids**

Lab Sample ID: 680-58869-2 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-174113		Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-173540		Lab File ID:	t4757.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/13/2010 1216	Run Type: RE		Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U H	0.050	0.050
2,4-Dinitrotoluene		0.050	U H	0.050	0.050
Hexachloroethane		0.050	U H	0.050	0.050
Hexachlorobenzene		0.050	U H	0.050	0.050
Hexachlorobutadiene		0.050	U H	0.050	0.050
Methyl Phenols,Total		0.10	U H	0.10	0.10
Nitrobenzene		0.050	U H	0.050	0.050
Pentachlorophenol		0.25	U H	0.25	0.25
Pyridine		0.25	U H	0.25	0.25
2,4,5-Trichlorophenol		0.050	U H	0.050	0.050
2,4,6-Trichlorophenol		0.050	U H	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	99		40 - 139
2-Fluorobiphenyl	77		50 - 113
2-Fluorophenol	65		36 - 110
Nitrobenzene-d5	87		45 - 112
Phenol-d5	75		38 - 116
Terphenyl-d14	52		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (No Polymer)**

Lab Sample ID: 680-58869-3 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-173336		Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-172973		Lab File ID:	n8078.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/06/2010 1440			Final Weight/Volume:	1 mL
Date Prepared:	06/30/2010 1349			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U	0.050	0.050
2,4-Dinitrotoluene		0.050	U	0.050	0.050
Hexachloroethane		0.050	U	0.050	0.050
Hexachlorobenzene		0.050	U	0.050	0.050
Hexachlorobutadiene		0.050	U	0.050	0.050
Methyl Phenols,Total		0.10	U	0.10	0.10
Nitrobenzene		0.050	U	0.050	0.050
Pentachlorophenol		0.25	U	0.25	0.25
Pyridine		0.25	U	0.25	0.25
2,4,5-Trichlorophenol		0.050	U	0.050	0.050
2,4,6-Trichlorophenol		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	99		40 - 139
2-Fluorobiphenyl	66		50 - 113
2-Fluorophenol	65		36 - 110
Nitrobenzene-d5	78		45 - 112
Phenol-d5	66		38 - 116
Terphenyl-d14	22		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (No Polymer)**

Lab Sample ID: 680-58869-3 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-173953		Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-173540		Lab File ID:	t4726.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2010 2140	Run Type: RE		Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U H	0.050	0.050
2,4-Dinitrotoluene		0.050	U H	0.050	0.050
Hexachloroethane		0.050	U H	0.050	0.050
Hexachlorobenzene		0.050	U H	0.050	0.050
Hexachlorobutadiene		0.050	U H	0.050	0.050
Methyl Phenols,Total		0.10	U H	0.10	0.10
Nitrobenzene		0.050	U H	0.050	0.050
Pentachlorophenol		0.25	U H	0.25	0.25
Pyridine		0.25	U H	0.25	0.25
2,4,5-Trichlorophenol		0.050	U H	0.050	0.050
2,4,6-Trichlorophenol		0.050	U H	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	82		40 - 139
2-Fluorobiphenyl	64		50 - 113
2-Fluorophenol	47		36 - 110
Nitrobenzene-d5	63		45 - 112
Phenol-d5	58		38 - 116
Terphenyl-d14	31		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)**

Lab Sample ID: 680-58869-4 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-173336		Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-172973		Lab File ID:	n8079.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/06/2010 1504			Final Weight/Volume:	1 mL
Date Prepared:	06/30/2010 1349			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U	0.050	0.050
2,4-Dinitrotoluene		0.050	U	0.050	0.050
Hexachloroethane		0.050	U	0.050	0.050
Hexachlorobenzene		0.050	U	0.050	0.050
Hexachlorobutadiene		0.050	U	0.050	0.050
Methyl Phenols,Total		0.10	U	0.10	0.10
Nitrobenzene		0.050	U	0.050	0.050
Pentachlorophenol		0.25	U	0.25	0.25
Pyridine		0.25	U	0.25	0.25
2,4,5-Trichlorophenol		0.050	U	0.050	0.050
2,4,6-Trichlorophenol		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	91		40 - 139
2-Fluorobiphenyl	45	X	50 - 113
2-Fluorophenol	61		36 - 110
Nitrobenzene-d5	70		45 - 112
Phenol-d5	63		38 - 116
Terphenyl-d14	29		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)**

Lab Sample ID: 680-58869-4 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-173953		Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-173540		Lab File ID:	t4727.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2010 2204	Run Type: RE		Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U H	0.050	0.050
2,4-Dinitrotoluene		0.050	U H	0.050	0.050
Hexachloroethane		0.050	U H	0.050	0.050
Hexachlorobenzene		0.050	U H	0.050	0.050
Hexachlorobutadiene		0.050	U H	0.050	0.050
Methyl Phenols,Total		0.10	U H	0.10	0.10
Nitrobenzene		0.050	U H	0.050	0.050
Pentachlorophenol		0.25	U H	0.25	0.25
Pyridine		0.25	U H	0.25	0.25
2,4,5-Trichlorophenol		0.050	U H	0.050	0.050
2,4,6-Trichlorophenol		0.050	U H	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	97		40 - 139
2-Fluorobiphenyl	45	X	50 - 113
2-Fluorophenol	58		36 - 110
Nitrobenzene-d5	70		45 - 112
Phenol-d5	67		38 - 116
Terphenyl-d14	50		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)**

Lab Sample ID: 680-58869-5 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-173336		Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-172973		Lab File ID:	n8080.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/06/2010 1527			Final Weight/Volume:	1 mL
Date Prepared:	06/30/2010 1349			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U	0.050	0.050
2,4-Dinitrotoluene		0.050	U	0.050	0.050
Hexachloroethane		0.050	U	0.050	0.050
Hexachlorobenzene		0.050	U	0.050	0.050
Hexachlorobutadiene		0.050	U	0.050	0.050
Methyl Phenols,Total		0.10	U	0.10	0.10
Nitrobenzene		0.050	U	0.050	0.050
Pentachlorophenol		0.25	U	0.25	0.25
Pyridine		0.25	U	0.25	0.25
2,4,5-Trichlorophenol		0.050	U	0.050	0.050
2,4,6-Trichlorophenol		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	105		40 - 139
2-Fluorobiphenyl	27	X	50 - 113
2-Fluorophenol	57		36 - 110
Nitrobenzene-d5	57		45 - 112
Phenol-d5	66		38 - 116
Terphenyl-d14	27		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)**

Lab Sample ID: 680-58869-5 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-174102		Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-173540		Lab File ID:	t4772.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/14/2010 0033	Run Type: RE		Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U H	0.050	0.050
2,4-Dinitrotoluene		0.050	U H	0.050	0.050
Hexachloroethane		0.050	U H	0.050	0.050
Hexachlorobenzene		0.050	U H	0.050	0.050
Hexachlorobutadiene		0.050	U H	0.050	0.050
Methyl Phenols,Total		0.10	U H	0.10	0.10
Nitrobenzene		0.050	U H	0.050	0.050
Pentachlorophenol		0.25	U H	0.25	0.25
Pyridine		0.25	U H	0.25	0.25
2,4,5-Trichlorophenol		0.050	U H	0.050	0.050
2,4,6-Trichlorophenol		0.050	U H	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	86		40 - 139
2-Fluorobiphenyl	41	X	50 - 113
2-Fluorophenol	47		36 - 110
Nitrobenzene-d5	60		45 - 112
Phenol-d5	57		38 - 116
Terphenyl-d14	42		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Gravity Dewatering Solids**

Lab Sample ID: 680-58869-6 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-173685		Instrument ID:	MSG
Preparation:	3520C	Prep Batch: 680-173236		Lab File ID:	g2157.d
Dilution:	1.0	Leachate Batch: 680-172992		Initial Weight/Volume:	200 mL
Date Analyzed:	07/08/2010 1233			Final Weight/Volume:	1 mL
Date Prepared:	07/02/2010 1354			Injection Volume:	1 uL
Date Leached:	06/29/2010 1611				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U	0.050	0.050
2,4-Dinitrotoluene		0.050	U	0.050	0.050
Hexachloroethane		0.050	U	0.050	0.050
Hexachlorobenzene		0.050	U	0.050	0.050
Hexachlorobutadiene		0.050	U	0.050	0.050
Methyl Phenols,Total		0.13		0.10	0.10
Nitrobenzene		0.050	U	0.050	0.050
Pentachlorophenol		0.25	U	0.25	0.25
Pyridine		0.25	U	0.25	0.25
2,4,5-Trichlorophenol		0.050	U	0.050	0.050
2,4,6-Trichlorophenol		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	135		40 - 139
2-Fluorobiphenyl	51		50 - 113
2-Fluorophenol	59		36 - 110
Nitrobenzene-d5	49		45 - 112
Phenol-d5	60		38 - 116
Terphenyl-d14	57		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (5 % Portland)**

Lab Sample ID: 680-58869-13 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-173953		Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-173540		Lab File ID:	t4729.d
Dilution:	1.0	Leachate Batch: 680-173595		Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2010 2252			Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL
Date Leached:	07/07/2010 1926				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U	0.050	0.050
2,4-Dinitrotoluene		0.050	U	0.050	0.050
Hexachloroethane		0.050	U	0.050	0.050
Hexachlorobenzene		0.050	U	0.050	0.050
Hexachlorobutadiene		0.050	U	0.050	0.050
Methyl Phenols,Total		0.10	U	0.10	0.10
Nitrobenzene		0.050	U	0.050	0.050
Pentachlorophenol		0.25	U	0.25	0.25
Pyridine		0.25	U	0.25	0.25
2,4,5-Trichlorophenol		0.050	U	0.050	0.050
2,4,6-Trichlorophenol		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	94		40 - 139
2-Fluorobiphenyl	47	X	50 - 113
2-Fluorophenol	51		36 - 110
Nitrobenzene-d5	61		45 - 112
Phenol-d5	63		38 - 116
Terphenyl-d14	68		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (10% Quick Lime)**

Lab Sample ID: 680-58869-14 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-173336		Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-172973		Lab File ID:	n8082.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/06/2010 1614			Final Weight/Volume:	1 mL
Date Prepared:	06/30/2010 1349			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U	0.050	0.050
2,4-Dinitrotoluene		0.050	U	0.050	0.050
Hexachloroethane		0.050	U	0.050	0.050
Hexachlorobenzene		0.050	U	0.050	0.050
Hexachlorobutadiene		0.050	U	0.050	0.050
Methyl Phenols,Total		0.10	U	0.10	0.10
Nitrobenzene		0.050	U	0.050	0.050
Pentachlorophenol		0.25	U	0.25	0.25
Pyridine		0.25	U	0.25	0.25
2,4,5-Trichlorophenol		0.050	U	0.050	0.050
2,4,6-Trichlorophenol		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	106		40 - 139
2-Fluorobiphenyl	45	X	50 - 113
2-Fluorophenol	67		36 - 110
Nitrobenzene-d5	59		45 - 112
Phenol-d5	70		38 - 116
Terphenyl-d14	54		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (10% Quick Lime)**

Lab Sample ID: 680-58869-14 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-174102		Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-173540		Lab File ID:	t4774.d
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	200 mL
Date Analyzed:	07/14/2010 0121	Run Type: RE		Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U H	0.050	0.050
2,4-Dinitrotoluene		0.050	U H	0.050	0.050
Hexachloroethane		0.050	U H	0.050	0.050
Hexachlorobenzene		0.050	U H	0.050	0.050
Hexachlorobutadiene		0.050	U H	0.050	0.050
Methyl Phenols,Total		0.10	U H	0.10	0.10
Nitrobenzene		0.050	U H	0.050	0.050
Pentachlorophenol		0.25	U H	0.25	0.25
Pyridine		0.25	U H	0.25	0.25
2,4,5-Trichlorophenol		0.050	U H	0.050	0.050
2,4,6-Trichlorophenol		0.050	U H	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	82		40 - 139
2-Fluorobiphenyl	51		50 - 113
2-Fluorophenol	40		36 - 110
Nitrobenzene-d5	51		45 - 112
Phenol-d5	50		38 - 116
Terphenyl-d14	74		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (25% Fly Ash)**

Lab Sample ID: 680-58869-15 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 680-174113		Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-173540		Lab File ID:	t4731.d
Dilution:	1.0	Leachate Batch: 680-173595		Initial Weight/Volume:	200 mL
Date Analyzed:	07/13/2010 0153			Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL
Date Leached:	07/07/2010 1926				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.050	U	0.050	0.050
2,4-Dinitrotoluene		0.050	U	0.050	0.050
Hexachloroethane		0.050	U	0.050	0.050
Hexachlorobenzene		0.050	U	0.050	0.050
Hexachlorobutadiene		0.050	U	0.050	0.050
Methyl Phenols,Total		0.10	U	0.10	0.10
Nitrobenzene		0.050	U	0.050	0.050
Pentachlorophenol		0.25	U	0.25	0.25
Pyridine		0.25	U	0.25	0.25
2,4,5-Trichlorophenol		0.050	U	0.050	0.050
2,4,6-Trichlorophenol		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	95		40 - 139
2-Fluorobiphenyl	52		50 - 113
2-Fluorophenol	51		36 - 110
Nitrobenzene-d5	61		45 - 112
Phenol-d5	62		38 - 116
Terphenyl-d14	43		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Filtered Cake Solid**

Lab Sample ID: 680-58869-1 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1458			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.025	U	0.025	0.025
Endrin		0.0050	U	0.0050	0.0050
gamma-BHC (Lindane)		0.0025	U	0.0025	0.0025
Heptachlor		0.0025	U	0.0025	0.0025
Heptachlor epoxide		0.0025	U	0.0025	0.0025
Methoxychlor		0.0025	U	0.0025	0.0025
Toxaphene		0.25	U	0.25	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	73		14 - 115
Tetrachloro-m-xylene	17	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Filtered Cake Solid**

Lab Sample ID: 680-58869-1 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1458			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	55		14 - 115
Tetrachloro-m-xylene	16	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Filter Cake Solids**

Lab Sample ID: 680-58869-2 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1521			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.025	U	0.025	0.025
Endrin		0.0050	U	0.0050	0.0050
gamma-BHC (Lindane)		0.0025	U	0.0025	0.0025
Heptachlor		0.0025	U	0.0025	0.0025
Heptachlor epoxide		0.0025	U	0.0025	0.0025
Methoxychlor		0.0025	U	0.0025	0.0025
Toxaphene		0.25	U	0.25	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	76		14 - 115
Tetrachloro-m-xylene	14	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Filter Cake Solids**

Lab Sample ID: 680-58869-2 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1521			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	64		14 - 115
Tetrachloro-m-xylene	13	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (No Polymer)**

Lab Sample ID: 680-58869-3 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1544			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.025	U	0.025	0.025
Endrin		0.0050	U	0.0050	0.0050
gamma-BHC (Lindane)		0.0025	U	0.0025	0.0025
Heptachlor		0.0025	U	0.0025	0.0025
Heptachlor epoxide		0.0025	U	0.0025	0.0025
Methoxychlor		0.0025	U	0.0025	0.0025
Toxaphene		0.25	U	0.25	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	58		14 - 115
Tetrachloro-m-xylene	17	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (No Polymer)**

Lab Sample ID: 680-58869-3 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1544			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	49		14 - 115
Tetrachloro-m-xylene	17	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)**

Lab Sample ID: 680-58869-4 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1618			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.025	U	0.025	0.025
Endrin		0.0050	U	0.0050	0.0050
gamma-BHC (Lindane)		0.0025	U	0.0025	0.0025
Heptachlor		0.0025	U	0.0025	0.0025
Heptachlor epoxide		0.0025	U	0.0025	0.0025
Methoxychlor		0.0025	U	0.0025	0.0025
Toxaphene		0.25	U	0.25	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	67		14 - 115
Tetrachloro-m-xylene	16	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)**

Lab Sample ID: 680-58869-4 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1618			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	56		14 - 115
Tetrachloro-m-xylene	13	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)**

Lab Sample ID: 680-58869-5 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1641			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.025	U	0.025	0.025
Endrin		0.0050	U	0.0050	0.0050
gamma-BHC (Lindane)		0.0025	U	0.0025	0.0025
Heptachlor		0.0025	U	0.0025	0.0025
Heptachlor epoxide		0.0025	U	0.0025	0.0025
Methoxychlor		0.0025	U	0.0025	0.0025
Toxaphene		0.25	U	0.25	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	41	p	14 - 115
Tetrachloro-m-xylene	18	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)**

Lab Sample ID: 680-58869-5 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1641			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	61		14 - 115
Tetrachloro-m-xylene	17	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Gravity Dewatering Solids**

Lab Sample ID: 680-58869-6 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173371		Instrument ID:	SGM
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172992		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1722			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	PRIMARY
Date Leached:	06/29/2010 1611				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.025	U	0.025	0.025
Endrin		0.0050	U	0.0050	0.0050
gamma-BHC (Lindane)		0.0025	U	0.0025	0.0025
Heptachlor		0.0025	U	0.0025	0.0025
Heptachlor epoxide		0.0025	U	0.0025	0.0025
Methoxychlor		0.0025	U	0.0025	0.0025
Toxaphene		0.25	U	0.25	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	60		14 - 115
Tetrachloro-m-xylene	10	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Gravity Dewatering Solids**

Lab Sample ID: 680-58869-6 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173371		Instrument ID:	SGM
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172992		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1722			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	SECONDARY
Date Leached:	06/29/2010 1611				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	50		14 - 115
Tetrachloro-m-xylene	10	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (5 % Portland)**

Lab Sample ID: 680-58869-13 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173811		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173542		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-173595		Final Weight/Volume:	10 mL
Date Analyzed:	07/09/2010 1411			Injection Volume:	2 uL
Date Prepared:	07/08/2010 1356			Result Type:	PRIMARY
Date Leached:	07/07/2010 1926				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.025	U	0.025	0.025
Endrin		0.0050	U	0.0050	0.0050
gamma-BHC (Lindane)		0.0025	U	0.0025	0.0025
Heptachlor		0.0025	U	0.0025	0.0025
Heptachlor epoxide		0.0025	U	0.0025	0.0025
Methoxychlor		0.0025	U	0.0025	0.0025
Toxaphene		0.25	U	0.25	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	66		14 - 115
Tetrachloro-m-xylene	29	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (5 % Portland)**

Lab Sample ID: 680-58869-13 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173811		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173542		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-173595		Final Weight/Volume:	10 mL
Date Analyzed:	07/09/2010 1411			Injection Volume:	2 uL
Date Prepared:	07/08/2010 1356			Result Type:	SECONDARY
Date Leached:	07/07/2010 1926				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	60		14 - 115
Tetrachloro-m-xylene	27	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (10% Quick Lime)**

Lab Sample ID: 680-58869-14 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1727			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.025	U	0.025	0.025
Endrin		0.0050	U	0.0050	0.0050
gamma-BHC (Lindane)		0.0025	U	0.0025	0.0025
Heptachlor		0.0025	U	0.0025	0.0025
Heptachlor epoxide		0.0025	U	0.0025	0.0025
Methoxychlor		0.0025	U	0.0025	0.0025
Toxaphene		0.25	U	0.25	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	35		14 - 115
Tetrachloro-m-xylene	13	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (10% Quick Lime)**

Lab Sample ID: 680-58869-14 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1727			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	28		14 - 115
Tetrachloro-m-xylene	13	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (25% Fly Ash)**

Lab Sample ID: 680-58869-15 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1750			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.025	U	0.025	0.025
Endrin		0.0050	U	0.0050	0.0050
gamma-BHC (Lindane)		0.0025	U	0.0025	0.0025
Heptachlor		0.0025	U	0.0025	0.0025
Heptachlor epoxide		0.0025	U	0.0025	0.0025
Methoxychlor		0.0025	U	0.0025	0.0025
Toxaphene		0.25	U	0.25	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	36	p	14 - 115
Tetrachloro-m-xylene	12	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (25% Fly Ash)**

Lab Sample ID: 680-58869-15 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8081A_8082 Organochlorine Pesticides & PCBs (GC)-TCLP

Method:	8081A_8082	Analysis Batch: 680-173368		Instrument ID:	SGJ
Preparation:	3520C	Prep Batch: 680-173224		Initial Weight/Volume:	20 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2010 1750			Injection Volume:	2 uL
Date Prepared:	07/02/2010 1354			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	59		14 - 115
Tetrachloro-m-xylene	11	X	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Filtered Cake Solid**

Lab Sample ID: 680-58869-1 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173803		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0143			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.050	U	0.050	0.050
Silvex (2,4,5-TP)		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	79	p	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Filtered Cake Solid**

Lab Sample ID: 680-58869-1 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173803		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0143			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	148		50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Filter Cake Solids**

Lab Sample ID: 680-58869-2 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173803		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0158			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.050	U	0.050	0.050
Silvex (2,4,5-TP)		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	79	p	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Filter Cake Solids**

Lab Sample ID: 680-58869-2 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173803		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0158			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	153	X	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (No Polymer)**

Lab Sample ID: 680-58869-3 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173803		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0214			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.050	U	0.050	0.050
Silvex (2,4,5-TP)		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	81	p	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (No Polymer)**

Lab Sample ID: 680-58869-3 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173803		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0214			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	152	X	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)**

Lab Sample ID: 680-58869-4 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0556			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.050	U	0.050	0.050
Silvex (2,4,5-TP)		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	74	p	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)**

Lab Sample ID: 680-58869-4 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0556			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	140		50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)**

Lab Sample ID: 680-58869-5 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0611			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.050	U	0.050	0.050
Silvex (2,4,5-TP)		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	80	p	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)**

Lab Sample ID: 680-58869-5 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0611			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	147		50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Gravity Dewatering Solids**

Lab Sample ID: 680-58869-6 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172992		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0627			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	PRIMARY
Date Leached:	06/29/2010 1611				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.050	U	0.050	0.050
Silvex (2,4,5-TP)		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	85	p	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Gravity Dewatering Solids**

Lab Sample ID: 680-58869-6 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172992		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0627			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	SECONDARY
Date Leached:	06/29/2010 1611				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	156	X	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (5 % Portland)**

Lab Sample ID: 680-58869-13 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0643			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.050	U	0.050	0.050
Silvex (2,4,5-TP)		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	81	p	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (5 % Portland)**

Lab Sample ID: 680-58869-13 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0643			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	148		50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (10% Quick Lime)**

Lab Sample ID: 680-58869-14 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0659			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.050	U	0.050	0.050
Silvex (2,4,5-TP)		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	80	p	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (10% Quick Lime)**

Lab Sample ID: 680-58869-14 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0659			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	149		50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (25% Fly Ash)**

Lab Sample ID: 680-58869-15 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0714			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	PRIMARY
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.050	U	0.050	0.050
Silvex (2,4,5-TP)		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	80	p	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (25% Fly Ash)**

Lab Sample ID: 680-58869-15 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-173807		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-173072		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-172870		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0714			Injection Volume:	1 uL
Date Prepared:	07/01/2010 0805			Result Type:	SECONDARY
Date Leached:	06/28/2010 1443				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	145		50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Filtered Cake Solid**

Lab Sample ID: 680-58869-1 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 680-173243		Instrument ID:	ICPD
Preparation:	3010A	Prep Batch: 680-173031		Lab File ID:	07012010.chr
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	5 mL
Date Analyzed:	07/02/2010 0036			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1446				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.20	0.20
Barium		1.0	U	1.0	1.0
Cadmium		0.10	U	0.10	0.10
Chromium		0.20	U	0.20	0.20
Lead		0.20	U	0.20	0.20
Selenium		0.50	U	0.50	0.50
Silver		0.10	U	0.10	0.10

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 680-173259		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-173097		Lab File ID:	17315217309017309
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 2026			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1019				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.020	U	0.020	0.020

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Filter Cake Solids**

Lab Sample ID: 680-58869-2 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 680-173243		Instrument ID:	ICPD
Preparation:	3010A	Prep Batch: 680-173031		Lab File ID:	07012010.chr
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	5 mL
Date Analyzed:	07/02/2010 0102			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1446				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.20	0.20
Barium		1.0	U	1.0	1.0
Cadmium		0.10	U	0.10	0.10
Chromium		0.20	U	0.20	0.20
Lead		0.20	U	0.20	0.20
Selenium		0.50	U	0.50	0.50
Silver		0.10	U	0.10	0.10

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 680-173259		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-173097		Lab File ID:	17315217309017309
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 2029			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1019				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.020	U	0.020	0.020

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (No Polymer)**

Lab Sample ID: 680-58869-3 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 680-173243		Instrument ID:	ICPD
Preparation:	3010A	Prep Batch: 680-173031		Lab File ID:	07012010.chr
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	5 mL
Date Analyzed:	07/02/2010 0108			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1446				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.20	0.20
Barium		1.0	U	1.0	1.0
Cadmium		0.10	U	0.10	0.10
Chromium		0.20	U	0.20	0.20
Lead		0.20	U	0.20	0.20
Selenium		0.50	U	0.50	0.50
Silver		0.10	U	0.10	0.10

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 680-173259		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-173097		Lab File ID:	17315217309017309
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 2032			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1019				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.020	U	0.020	0.020

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)**

Lab Sample ID: 680-58869-4 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 680-173243		Instrument ID:	ICPD
Preparation:	3010A	Prep Batch: 680-173031		Lab File ID:	07012010.chr
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	5 mL
Date Analyzed:	07/02/2010 0123			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1446				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.20	0.20
Barium		1.0	U	1.0	1.0
Cadmium		0.10	U	0.10	0.10
Chromium		0.20	U	0.20	0.20
Lead		0.20	U	0.20	0.20
Selenium		0.50	U	0.50	0.50
Silver		0.10	U	0.10	0.10

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 680-173259		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-173097		Lab File ID:	17315217309017309
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 2035			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1019				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.020	U	0.020	0.020

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)**

Lab Sample ID: 680-58869-5 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 680-173243		Instrument ID:	ICPD
Preparation:	3010A	Prep Batch: 680-173031		Lab File ID:	07012010.chr
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	5 mL
Date Analyzed:	07/02/2010 0128			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1446				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.20	0.20
Barium		1.0	U	1.0	1.0
Cadmium		0.10	U	0.10	0.10
Chromium		0.20	U	0.20	0.20
Lead		0.20	U	0.20	0.20
Selenium		0.50	U	0.50	0.50
Silver		0.10	U	0.10	0.10

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 680-173259		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-173097		Lab File ID:	17315217309017309
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 2038			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1019				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.020	U	0.020	0.020

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-8 Gravity Dewatering Solids**

Lab Sample ID: 680-58869-6 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 680-173243		Instrument ID:	ICPD
Preparation:	3010A	Prep Batch: 680-173034		Lab File ID:	07012010.chr
Dilution:	1.0	Leachate Batch: 680-172992		Initial Weight/Volume:	5 mL
Date Analyzed:	07/01/2010 2323			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1452				
Date Leached:	06/29/2010 1611				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.20	0.20
Barium		1.0	U	1.0	1.0
Cadmium		0.10	U	0.10	0.10
Chromium		0.20	U	0.20	0.20
Lead		0.20	U	0.20	0.20
Selenium		0.50	U	0.50	0.50
Silver		0.10	U	0.10	0.10

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 680-173259		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-173090		Lab File ID:	17315217309017309
Dilution:	1.0	Leachate Batch: 680-172992		Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 1951			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1008				
Date Leached:	06/29/2010 1611				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.020	U	0.020	0.020

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (5 % Portland)**

Lab Sample ID: 680-58869-13 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 680-173243		Instrument ID:	ICPD
Preparation:	3010A	Prep Batch: 680-173031		Lab File ID:	07012010.chr
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	5 mL
Date Analyzed:	07/02/2010 0134			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1446				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.20	0.20
Barium		1.0	U	1.0	1.0
Cadmium		0.10	U	0.10	0.10
Chromium		0.20	U	0.20	0.20
Lead		0.20	U	0.20	0.20
Selenium		0.50	U	0.50	0.50
Silver		0.10	U	0.10	0.10

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 680-173259		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-173097		Lab File ID:	17315217309017309
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 2041			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1019				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.020	U	0.020	0.020

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (10% Quick Lime)**

Lab Sample ID: 680-58869-14 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 680-173243		Instrument ID:	ICPD
Preparation:	3010A	Prep Batch: 680-173031		Lab File ID:	07012010.chr
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	5 mL
Date Analyzed:	07/02/2010 0139			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1446				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.20	0.20
Barium		1.0	U	1.0	1.0
Cadmium		0.10	U	0.10	0.10
Chromium		0.20	U	0.20	0.20
Lead		0.20	U	0.20	0.20
Selenium		0.50	U	0.50	0.50
Silver		0.10	U	0.10	0.10

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 680-173259		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-173097		Lab File ID:	17315217309017309
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 2044			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1019				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.020	U	0.020	0.020

Client: Ashland Inc. Job Number: 680-58869-1

Client Sample ID: **IBS-2 (25% Fly Ash)**

Lab Sample ID: 680-58869-15 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 680-173243		Instrument ID:	ICPD
Preparation:	3010A	Prep Batch: 680-173031		Lab File ID:	07012010.chr
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	5 mL
Date Analyzed:	07/02/2010 0144			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1446				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.20	0.20
Barium		1.0	U	1.0	1.0
Cadmium		0.10	U	0.10	0.10
Chromium		0.20	U	0.20	0.20
Lead		0.20	U	0.20	0.20
Selenium		0.50	U	0.50	0.50
Silver		0.10	U	0.10	0.10

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 680-173259		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-173097		Lab File ID:	17315217309017309
Dilution:	1.0	Leachate Batch: 680-172870		Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 2046			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1019				
Date Leached:	06/28/2010 1443				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.020	U	0.020	0.020

General Chemistry

Client Sample ID: **IBS-4 Filtered Cake Solid**

Lab Sample ID: 680-58869-1 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	3.6	J	mg/Kg	0.21	4.9	1.0	9012A
Analysis Batch: 680-172977	Date Analyzed: 06/30/2010 1029						DryWt Corrected: N
Prep Batch: 680-172815	Date Prepared: 06/29/2010 0745						

Analyte	Result	Qual	Units	Dil	Method
Ignitability	NB		mm/sec	1.0	1030
Analysis Batch: 680-173132	Date Analyzed: 07/01/2010 1000				DryWt Corrected: N
pH	9.06		SU	1.0	9045C
Analysis Batch: 680-173038	Date Analyzed: 06/30/2010 1504				DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide	410		mg/Kg	58	58	1.0	9034
Analysis Batch: 680-172962	Date Analyzed: 06/30/2010 0952						DryWt Corrected: N
Prep Batch: 680-172955	Date Prepared: 06/30/2010 0851						

General Chemistry

Client Sample ID: **IBS-8 Filter Cake Solids**

Lab Sample ID: 680-58869-2 Date Sampled: 06/23/2010 1400
Client Matrix: Solid Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.31	J	mg/Kg	0.20	4.8	1.0	9012A
Analysis Batch: 680-172977	Date Analyzed: 06/30/2010 1029						DryWt Corrected: N
Prep Batch: 680-172815	Date Prepared: 06/29/2010 0745						

Analyte	Result	Qual	Units	Dil	Method
pH	10.2		SU	1.0	9045C
Analysis Batch: 680-173038	Date Analyzed: 06/30/2010 1504				DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide	61		mg/Kg	58	58	1.0	9034
Analysis Batch: 680-172962	Date Analyzed: 06/30/2010 0952						DryWt Corrected: N
Prep Batch: 680-172955	Date Prepared: 06/30/2010 0851						

General Chemistry

Client Sample ID: **IBS-4 Centrifuge Solids (No Polymer)**

Lab Sample ID: 680-58869-3 Date Sampled: 06/23/2010 1400

Client Matrix: Solid Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	2.6	J	mg/Kg	0.21	5.0	1.0	9012A
Analysis Batch: 680-172977	Date Analyzed: 06/30/2010 1029						DryWt Corrected: N
Prep Batch: 680-172815	Date Prepared: 06/29/2010 0745						

Analyte	Result	Qual	Units	Dil	Method
pH	5.99		SU	1.0	9045C
Analysis Batch: 680-173038	Date Analyzed: 06/30/2010 1504				DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide	510		mg/Kg	57	57	1.0	9034
Analysis Batch: 680-172962	Date Analyzed: 06/30/2010 0952						DryWt Corrected: N
Prep Batch: 680-172955	Date Prepared: 06/30/2010 0851						

General Chemistry

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)**

Lab Sample ID: 680-58869-4 Date Sampled: 06/23/2010 1400

Client Matrix: Solid Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	1.7	J	mg/Kg	0.21	5.0	1.0	9012A
Analysis Batch: 680-172977	Date Analyzed: 06/30/2010 1029						DryWt Corrected: N
Prep Batch: 680-172815	Date Prepared: 06/29/2010 0745						

Analyte	Result	Qual	Units	Dil	Method
pH	5.85		SU	1.0	9045C
Analysis Batch: 680-173038	Date Analyzed: 06/30/2010 1504				DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide	310		mg/Kg	59	59	1.0	9034
Analysis Batch: 680-172962	Date Analyzed: 06/30/2010 0952						DryWt Corrected: N
Prep Batch: 680-172955	Date Prepared: 06/30/2010 0851						

General Chemistry

Client Sample ID: **IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)**

Lab Sample ID: 680-58869-5 Date Sampled: 06/23/2010 1400

Client Matrix: Solid Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	4.9	J	mg/Kg	0.21	5.0	1.0	9012A
Analysis Batch: 680-172977	Date Analyzed: 06/30/2010 1029						DryWt Corrected: N
Prep Batch: 680-172815	Date Prepared: 06/29/2010 0745						

Analyte	Result	Qual	Units	Dil	Method
pH	5.35		SU	1.0	9045C
Analysis Batch: 680-173038	Date Analyzed: 06/30/2010 1504				DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide	410		mg/Kg	58	58	1.0	9034
Analysis Batch: 680-172962	Date Analyzed: 06/30/2010 0952						DryWt Corrected: N
Prep Batch: 680-172955	Date Prepared: 06/30/2010 0851						

General Chemistry

Client Sample ID: **IBS-8 Gravity Dewatering Solids**

Lab Sample ID: 680-58869-6 Date Sampled: 06/23/2010 1400

Client Matrix: Solid Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.25	J	mg/Kg	0.21	5.0	1.0	9012A
Analysis Batch: 680-172977	Date Analyzed: 06/30/2010 1029						DryWt Corrected: N
Prep Batch: 680-172815	Date Prepared: 06/29/2010 0745						

Analyte	Result	Qual	Units			Dil	Method
Ignitability	NB		mm/sec			1.0	1030
Analysis Batch: 680-173132	Date Analyzed: 07/01/2010 1000						DryWt Corrected: N
pH	6.65		SU			1.0	9045C
Analysis Batch: 680-173038	Date Analyzed: 06/30/2010 1504						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide	190		mg/Kg	59	59	1.0	9034
Analysis Batch: 680-172962	Date Analyzed: 06/30/2010 0952						DryWt Corrected: N
Prep Batch: 680-172955	Date Prepared: 06/30/2010 0851						

General Chemistry

Client Sample ID: **IBS-4 Filter Press Filtrate**

Lab Sample ID: 680-58869-7 Date Sampled: 06/23/2010 1400

Client Matrix: Water Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	Dil	Method
pH	9.50	HF	SU	1.0	SM 4500 H+ B

Analysis Batch: 680-172649 Date Analyzed: 06/25/2010 1615

General Chemistry

Client Sample ID: **IBS-8 Filter Press Filtrate**

Lab Sample ID: 680-58869-8 Date Sampled: 06/23/2010 1400

Client Matrix: Water Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	Dil	Method
pH	11.5	HF	SU	1.0	SM 4500 H+ B

Analysis Batch: 680-172649 Date Analyzed: 06/25/2010 1615

General Chemistry

Client Sample ID: **IBS-4 Centrifuge Centrate (No Polymer)**

Lab Sample ID: 680-58869-9 Date Sampled: 06/23/2010 1400

Client Matrix: Water Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	Dil	Method
pH	6.00	HF	SU	1.0	SM 4500 H+ B

Analysis Batch: 680-172649 Date Analyzed: 06/25/2010 1615

General Chemistry

Client Sample ID: **IBS-4 Centrifuge Centrate (250 ppm Anion Polymer))**

Lab Sample ID: 680-58869-10 Date Sampled: 06/23/2010 1400

Client Matrix: Water Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	Dil	Method
pH	6.00	HF	SU	1.0	SM 4500 H+ B

Analysis Batch: 680-172649 Date Analyzed: 06/25/2010 1615

General Chemistry

Client Sample ID: **IBS-4 Centrifuge Centrate (250 ppm Cation Polymer) Polymer))**

Lab Sample ID: 680-58869-11 Date Sampled: 06/23/2010 1400

Client Matrix: Water Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	Dil	Method
pH	6.50	HF	SU	1.0	SM 4500 H+ B

Analysis Batch: 680-172649 Date Analyzed: 06/25/2010 1615

General Chemistry

Client Sample ID: **IBS-4 Gravity Dewatering Liquid**

Lab Sample ID: 680-58869-12 Date Sampled: 06/23/2010 1400

Client Matrix: Water Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	Dil	Method
pH	6.00	HF	SU	1.0	SM 4500 H+ B

Analysis Batch: 680-172649 Date Analyzed: 06/25/2010 1615

General Chemistry

Client Sample ID: **IBS-2 (5 % Portland)**

Lab Sample ID: 680-58869-13 Date Sampled: 06/23/2010 1400

Client Matrix: Solid Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	2.4	J	mg/Kg	0.21	4.9	1.0	9012A
Analysis Batch: 680-172977	Date Analyzed: 06/30/2010 1029						DryWt Corrected: N
Prep Batch: 680-172815	Date Prepared: 06/29/2010 0745						

Analyte	Result	Qual	Units	Dil	Method
Ignitability	NB		mm/sec	1.0	1030
Analysis Batch: 680-173132	Date Analyzed: 07/01/2010 1000				DryWt Corrected: N
pH	12.2		SU	1.0	9045C
Analysis Batch: 680-173038	Date Analyzed: 06/30/2010 1504				DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide	180		mg/Kg	57	57	1.0	9034
Analysis Batch: 680-172962	Date Analyzed: 06/30/2010 0952						DryWt Corrected: N
Prep Batch: 680-172955	Date Prepared: 06/30/2010 0851						

General Chemistry

Client Sample ID: **IBS-2 (10% Quick Lime)**

Lab Sample ID: 680-58869-14 Date Sampled: 06/23/2010 1400

Client Matrix: Solid Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	0.31	J	mg/Kg	0.21	5.0	1.0	9012A
Analysis Batch: 680-172977	Date Analyzed: 06/30/2010 1029						DryWt Corrected: N
Prep Batch: 680-172815	Date Prepared: 06/29/2010 0745						

Analyte	Result	Qual	Units	Dil	Method
Ignitability	NB		mm/sec	1.0	1030
Analysis Batch: 680-173132	Date Analyzed: 07/01/2010 1000				DryWt Corrected: N
pH	12.1		SU	1.0	9045C
Analysis Batch: 680-173038	Date Analyzed: 06/30/2010 1504				DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide	290		mg/Kg	59	59	1.0	9034
Analysis Batch: 680-172962	Date Analyzed: 06/30/2010 0952						DryWt Corrected: N
Prep Batch: 680-172955	Date Prepared: 06/30/2010 0851						

General Chemistry

Client Sample ID: **IBS-2 (25% Fly Ash)**

Lab Sample ID: 680-58869-15 Date Sampled: 06/23/2010 1400

Client Matrix: Solid Date Received: 06/24/2010 1649

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	4.1	J	mg/Kg	0.21	4.9	1.0	9012A
Analysis Batch: 680-172977	Date Analyzed: 06/30/2010 1029						DryWt Corrected: N
Prep Batch: 680-172815	Date Prepared: 06/29/2010 0745						

Analyte	Result	Qual	Units	Dil	Method
Ignitability	NB		mm/sec	1.0	1030
Analysis Batch: 680-173132	Date Analyzed: 07/01/2010 1000				DryWt Corrected: N
pH	12.1		SU	1.0	9045C
Analysis Batch: 680-173038	Date Analyzed: 06/30/2010 1504				DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide	290		mg/Kg	59	59	1.0	9034
Analysis Batch: 680-172962	Date Analyzed: 06/30/2010 0952						DryWt Corrected: N
Prep Batch: 680-172955	Date Prepared: 06/30/2010 0851						

DATA REPORTING QUALIFIERS

Client: Ashland Inc. Job Number: 680-58869-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time
	X	Surrogate is outside control limits
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate is outside control limits
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
Metals		
	U	Indicates the analyte was analyzed for but not detected.
General Chemistry		
	HF	Field parameter with a holding time of 15 minutes
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: Ashland Inc.

Job Number: 680-58869-1

Surrogate Recovery Report

624 Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-58869-7	IBS-4 Filter Press Filtrate	112	111	107
680-58869-8	IBS-8 Filter Press Filtrate	102	83	105
680-58869-9	IBS-4 Centrifuge Centrate (No Polymer)	109	116	105
680-58869-10	IBS-4 Centrifuge Centrate (250 ppm Anion Polymer))	104	115	107
680-58869-11	IBS-4 Centrifuge Centrate (250 ppm Cation Polymer) Polymer))	104	108	91
680-58869-12	IBS-4 Gravity Dewatering Liquid	108	116	106
MB 680-172807/11		108	110	105
MB 680-173042/6		107	108	96
LCS 680-172807/10		103	106	106
LCS 680-173042/4		101	101	90

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	71-121
DBFM = Dibromofluoromethane	77-129
TOL = Toluene-d8 (Surr)	79-119

Client: Ashland Inc. Job Number: 680-58869-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-58869-1	IBS-4 Filtered Cake Solid	94	90	104
680-58869-2	IBS-8 Filter Cake Solids	90	86	102
680-58869-3	IBS-4 Centrifuge Solids (No Polymer)	91	94	103
680-58869-4	IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)	94	89	101
680-58869-5	IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)	94	81	104
680-58869-6	IBS-8 Gravity Dewatering Solids	92	87	102
680-58869-13	IBS-2 (5 % Portland)	91	105	102
680-58869-14	IBS-2 (10% Quick Lime)	89	78	101
680-58869-15	IBS-2 (25% Fly Ash)	97	87	102
MB 680-173036/9		88	113	98
MB 680-173051/8		89	99	96
LB 680-172800/11-A		96	88	103
LCS 680-173036/6		97	100	101
LCS 680-173051/5		96	101	100
LCSD 680-173036/7		92	98	97
LCSD 680-173051/6		98	101	98

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	75-120
DBFM = Dibromofluoromethane	75-121
TOL = Toluene-d8 (Surr)	75-120

Client: Ashland Inc. Job Number: 680-58869-1

Surrogate Recovery Report

625 Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	TBP %Rec	PHL %Rec
680-58869-7	IBS-4 Filter Press Filtrate	50	64	46
680-58869-8	IBS-8 Filter Press Filtrate	61	71	58
680-58869-9	IBS-4 Centrifuge Centrate (No Polymer)	45	78	53
680-58869-10	IBS-4 Centrifuge Centrate (250 ppm Anion Polymer))	50	73	50
680-58869-11	IBS-4 Centrifuge Centrate (250 ppm Cation Polymer) Polymer))	38	59	44
680-58869-12	IBS-4 Gravity Dewatering Liquid	39	49	30
MB 680-172750/8-A		71	85	57
LCS 680-172750/9-A		74	79	60

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	35-110
TBP = 2,4,6-Tribromophenol	34-132
PHL = Phenol-d5	27-119

Client: Ashland Inc. Job Number: 680-58869-1

Surrogate Recovery Report

625 Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	FBP %Rec	NBZ %Rec	TPH %Rec
680-58869-7	IBS-4 Filter Press Filtrate	65	67	45
680-58869-8	IBS-8 Filter Press Filtrate	66	68	50
680-58869-9	IBS-4 Centrifuge Centrate (No Polymer)	53	45	31
680-58869-10	IBS-4 Centrifuge Centrate (250 ppm Anion Polymer))	54	53	37
680-58869-11	IBS-4 Centrifuge Centrate (250 ppm Cation Polymer) Polymer))	41	34X	26
680-58869-12	IBS-4 Gravity Dewatering Liquid	67	67	32
MB 680-172750/8-A		82	84	92
LCS 680-172750/9-A		87	89	88

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl	38-121
NBZ = Nitrobenzene-d5	44-119
TPH = Terphenyl-d14	10-165

Client: Ashland Inc. Job Number: 680-58869-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec
680-58869-1	IBS-4 Filtered Cake Solid	92	30X	60	58	61	44
680-58869-1 RE	IBS-4 Filtered Cake Solid RE	75	39X	43	52	53	34
680-58869-2	IBS-8 Filter Cake Solids	78	20X	52	50	53	30
680-58869-2 RE	IBS-8 Filter Cake Solids RE	99	77	65	87	75	52
680-58869-3	IBS-4 Centrifuge Solids (No Polymer)	99	66	65	78	66	22
680-58869-3 RE	IBS-4 Centrifuge Solids (No Polymer) RE	82	64	47	63	58	31
680-58869-4	IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)	91	45X	61	70	63	29
680-58869-4 RE	IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer) RE	97	45X	58	70	67	50
680-58869-5	IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)	105	27X	57	57	66	27
680-58869-5 RE	IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer) RE	86	41X	47	60	57	42
680-58869-6	IBS-8 Gravity Dewatering Solids	135	51	59	49	60	57
680-58869-13	IBS-2 (5 % Portland)	94	47X	51	61	63	68
680-58869-14	IBS-2 (10% Quick Lime)	106	45X	67	59	70	54
680-58869-14 RE	IBS-2 (10% Quick Lime) RE	82	51	40	51	50	74
680-58869-15	IBS-2 (25% Fly Ash)	95	52	51	61	62	43
MB 680-172973/21-A		90	12X	66	72	69	107
MB 680-173236/12-A		130	83	69	64	62	103
MB 680-173540/15-A		85	82	64	81	69	88

Surrogate	Acceptance Limits
TBP = 2,4,6-Tribromophenol	40-139
FBP = 2-Fluorobiphenyl	50-113
2FP = 2-Fluorophenol	36-110
NBZ = Nitrobenzene-d5	45-112
PHL = Phenol-d5	38-116
TPH = Terphenyl-d14	10-121

Client: Ashland Inc. Job Number: 680-58869-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec
LB 680-172870/13-B		97	39X	68	72	69	102
LB 680-172992/10-F		128	48X	63	54	63	101
LB 680-172870/13-I		93	45X	62	64	77	80
LB 680-173595/7-D		99	50	58	72	68	80
LB2 680-172870/14-B		76	47X	63	68	60	81
LB2 680-172870/14-I		94	65	64	76	74	80
LCS 680-172973/22-A		103	72	67	84	79	99
LCS 680-173540/16-A		103	93	70	89	79	96
LCSD 680-173540/27-A		103	91	70	86	77	100

Surrogate	Acceptance Limits
TBP = 2,4,6-Tribromophenol	40-139
FBP = 2-Fluorobiphenyl	50-113
2FP = 2-Fluorophenol	36-110
NBZ = Nitrobenzene-d5	45-112
PHL = Phenol-d5	38-116
TPH = Terphenyl-d14	10-121

Client: Ashland Inc. Job Number: 680-58869-1

Surrogate Recovery Report

8081A_8082_Organochlorine Pesticides & PCBs (GC)

Client Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
680-58869-1	IBS-4 Filtered Cake Solid	73	55	16X	17X
680-58869-2	IBS-8 Filter Cake Solids	76	64	13X	14X
680-58869-3	IBS-4 Centrifuge Solids (No Polymer)	58	49	17X	17X
680-58869-4	IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)	67	56	13X	16X
680-58869-5	IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)	61	41p	17X	18X
680-58869-6	IBS-8 Gravity Dewatering Solids	50	60	10X	10X
680-58869-13	IBS-2 (5 % Portland)	66	60	27X	29X
680-58869-14	IBS-2 (10% Quick Lime)	35	28	13X	13X
680-58869-15	IBS-2 (25% Fly Ash)	59	36p	11X	12X
MB 680-173224/19-A		60	64	73	71
MB 680-173542/6-A		64	57	60	61
LB 680-172870/13-F		69	72	14X	9p X
LB 680-173595/7-C		78	56	67	61
LCS 680-173224/20-A		69	75	58	53
LCS 680-173542/7-A		59	51	56	59
LCSD 680-173224/21-A		62	67	76	66
LCSD 680-173542/8-A		58	49	60	61
680-58869-6 MS	IBS-8 Gravity Dewatering Solids MS	45	51	24X	21X
680-58869-6 MSD	IBS-8 Gravity Dewatering Solids MSD	46	53	22X	19X

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	14-115
TCX = Tetrachloro-m-xylene	35-120

Client: Ashland Inc.

Job Number: 680-58869-1

Surrogate Recovery Report

8151A Herbicides (GC)

Client Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	DCPA1 %Rec	DCPA2 %Rec
680-58869-1	IBS-4 Filtered Cake Solid	148	79p
680-58869-2	IBS-8 Filter Cake Solids	153X	79p
680-58869-3	IBS-4 Centrifuge Solids (No Polymer)	152X	81p
680-58869-4	IBS-4 Centrifuge Solids (250 ppm Anionic Polymwer)	140	74p
680-58869-5	IBS-4 Centrifuge Solids (250 ppm Catonic Polymwer)	147	80p
680-58869-6	IBS-8 Gravity Dewatering Solids	156X	85p
680-58869-13	IBS-2 (5 % Portland)	148	81p
680-58869-14	IBS-2 (10% Quick Lime)	149	80p
680-58869-15	IBS-2 (25% Fly Ash)	145	80p
MB 680-173072/22-A		146	75p
LB 680-172870/13-D		150	81p
LCS 680-173072/23-A		128	83p

Surrogate	Acceptance Limits
DCPA = DCAA	50-150

Client: Ashland Inc. Job Number: 680-58869-1

Method Blank - Batch: 680-172807

Method: 624
Preparation: N/A

Lab Sample ID: MB 680-172807/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 1836
Date Prepared: N/A

Analysis Batch: 680-172807
Prep Batch: N/A
Units: ug/L

Instrument ID: MSA
Lab File ID: aq280.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	1.0	U	0.20	1.0
Bromoform	1.0	U	0.50	1.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.10	1.0
Chlorodibromomethane	1.0	U	0.50	1.0
Chloroethane	1.0	U	0.36	1.0
Chloroform	1.0	U	0.14	1.0
Dichlorobromomethane	1.0	U	0.50	1.0
1,1-Dichloroethane	1.0	U	0.50	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.50	1.0
1,2-Dichloropropane	1.0	U	0.50	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0
Ethylbenzene	1.0	U	0.11	1.0
Bromomethane	1.0	U	0.80	1.0
Chloromethane	1.0	U	0.15	1.0
Methylene Chloride	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.50	1.0
Toluene	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
1,1,1-Trichloroethane	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.50	1.0
Trichloroethene	1.0	U	0.50	1.0
Vinyl chloride	1.0	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	108	71 - 121
Dibromofluoromethane	110	77 - 129
Toluene-d8 (Surr)	105	79 - 119

Client: Ashland Inc.

Job Number: 680-58869-1

Lab Control Sample - Batch: 680-172807

Method: 624
Preparation: N/A

Lab Sample ID: LCS 680-172807/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 1757
Date Prepared: N/A

Analysis Batch: 680-172807
Prep Batch: N/A
Units: ug/L

Instrument ID: MSA
Lab File ID: aq278.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	20.0	19.1	95	37 - 151	
Bromoform	20.0	21.2	106	45 - 169	
Carbon tetrachloride	20.0	16.2	81	70 - 140	
Chlorobenzene	20.0	20.7	103	37 - 160	
Chloroethane	20.0	15.2	76	14 - 230	
Chloroform	20.0	22.2	111	51 - 138	
Dichlorobromomethane	20.0	18.3	92	35 - 155	
1,1-Dichloroethane	20.0	18.9	94	59 - 155	
1,2-Dichloroethane	20.0	18.3	92	49 - 155	
1,1-Dichloroethene	20.0	16.4	82	1 - 234	
1,2-Dichloropropane	20.0	20.1	100	1 - 210	
cis-1,3-Dichloropropene	20.0	18.4	92	1 - 227	
trans-1,3-Dichloropropene	20.0	18.9	94	17 - 183	
Ethylbenzene	20.0	17.8	89	37 - 162	
Bromomethane	20.0	10.1	50	1 - 242	
Chloromethane	20.0	8.61	43	1 - 273	
Methylene Chloride	20.0	16.7	83	1 - 221	
1,1,2,2-Tetrachloroethane	20.0	21.2	106	46 - 157	
Tetrachloroethene	20.0	20.8	104	64 - 148	
Toluene	20.0	21.6	108	47 - 150	
trans-1,2-Dichloroethene	20.0	17.0	85	54 - 156	
1,1,1-Trichloroethane	20.0	17.9	89	52 - 162	
1,1,2-Trichloroethane	20.0	21.5	107	52 - 150	
Trichloroethene	20.0	20.8	104	71 - 157	
Vinyl chloride	20.0	11.1	55	1 - 251	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	106	77 - 129

Client: Ashland Inc.

Job Number: 680-58869-1

Method Blank - Batch: 680-173042

Method: 624
Preparation: N/A

Lab Sample ID: MB 680-173042/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/30/2010 0033
Date Prepared: N/A

Analysis Batch: 680-173042
Prep Batch: N/A
Units: ug/L

Instrument ID: MSA
Lab File ID: aq300.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	1.0	U	0.20	1.0
Bromoform	1.0	U	0.50	1.0
Carbon tetrachloride	1.0	U	0.50	1.0
Chlorobenzene	1.0	U	0.10	1.0
Chlorodibromomethane	1.0	U	0.50	1.0
Chloroethane	1.0	U	0.36	1.0
Chloroform	1.0	U	0.14	1.0
Dichlorobromomethane	1.0	U	0.50	1.0
1,1-Dichloroethane	1.0	U	0.50	1.0
1,2-Dichloroethane	1.0	U	0.10	1.0
1,1-Dichloroethene	1.0	U	0.50	1.0
1,2-Dichloropropane	1.0	U	0.50	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
trans-1,3-Dichloropropene	1.0	U	0.21	1.0
Ethylbenzene	1.0	U	0.11	1.0
Bromomethane	1.0	U	0.80	1.0
Chloromethane	1.0	U	0.15	1.0
Methylene Chloride	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
Tetrachloroethene	1.0	U	0.50	1.0
Toluene	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
1,1,1-Trichloroethane	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.50	1.0
Trichloroethene	1.0	U	0.50	1.0
Vinyl chloride	1.0	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	107	71 - 121
Dibromofluoromethane	108	77 - 129
Toluene-d8 (Surr)	96	79 - 119

Lab Control Sample - Batch: 680-173042

Method: 624
Preparation: N/A

Lab Sample ID: LCS 680-173042/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 2335
Date Prepared: N/A

Analysis Batch: 680-173042
Prep Batch: N/A
Units: ug/L

Instrument ID: MSA
Lab File ID: aq297.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	20.0	18.7	94	37 - 151	
Bromoform	20.0	18.5	93	45 - 169	
Carbon tetrachloride	20.0	16.5	83	70 - 140	
Chlorobenzene	20.0	21.2	106	37 - 160	
Chloroethane	20.0	28.3	142	14 - 230	
Chloroform	20.0	21.2	106	51 - 138	
Dichlorobromomethane	20.0	18.3	91	35 - 155	
1,1-Dichloroethane	20.0	21.3	107	59 - 155	
1,2-Dichloroethane	20.0	20.3	102	49 - 155	
1,1-Dichloroethene	20.0	21.2	106	1 - 234	
1,2-Dichloropropane	20.0	21.0	105	1 - 210	
cis-1,3-Dichloropropene	20.0	18.6	93	1 - 227	
trans-1,3-Dichloropropene	20.0	18.5	92	17 - 183	
Ethylbenzene	20.0	18.6	93	37 - 162	
Bromomethane	20.0	32.4	162	1 - 242	
Chloromethane	20.0	19.6	98	1 - 273	
Methylene Chloride	20.0	20.2	101	1 - 221	
1,1,2,2-Tetrachloroethane	20.0	23.2	116	46 - 157	
Tetrachloroethene	20.0	20.4	102	64 - 148	
Toluene	20.0	21.4	107	47 - 150	
trans-1,2-Dichloroethene	20.0	18.8	94	54 - 156	
1,1,1-Trichloroethane	20.0	18.0	90	52 - 162	
1,1,2-Trichloroethane	20.0	20.3	101	52 - 150	
Trichloroethene	20.0	19.8	99	71 - 157	
Vinyl chloride	20.0	19.1	95	1 - 251	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	101	77 - 129

Client: Ashland Inc.

Job Number: 680-58869-1

Method Blank - Batch: 680-173036

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-173036/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/30/2010 1308
Date Prepared: 06/30/2010 1308

Analysis Batch: 680-173036
Prep Batch: N/A
Units: mg/L

Instrument ID: MSP2
Lab File ID: pq394.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	0.0010	U	0.0010	0.0010
Carbon tetrachloride	0.0010	U	0.0010	0.0010
Chlorobenzene	0.0010	U	0.0010	0.0010
Chloroform	0.0010	U	0.0010	0.0010
1,2-Dichloroethane	0.0010	U	0.0010	0.0010
1,1-Dichloroethene	0.0010	U	0.0010	0.0010
2-Butanone (MEK)	0.010	U	0.010	0.010
Tetrachloroethene	0.0010	U	0.0010	0.0010
Trichloroethene	0.0010	U	0.0010	0.0010
Vinyl chloride	0.0010	U	0.0010	0.0010

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	88	75 - 120
Dibromofluoromethane	113	75 - 121
Toluene-d8 (Surr)	98	75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-173036

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-173036/6	Analysis Batch:	680-173036	Instrument ID:	MSP2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq386.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 1110			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 1110				

LCSD Lab Sample ID:	LCSD 680-173036/7	Analysis Batch:	680-173036	Instrument ID:	MSP2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq388.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 1139			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 1139				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	100	97	77 - 119	3	30		
Carbon tetrachloride	117	111	71 - 135	6	30		
Chlorobenzene	100	95	85 - 116	5	30		
Chloroform	100	101	82 - 120	0	30		
1,2-Dichloroethane	106	101	66 - 132	5	30		
1,1-Dichloroethene	93	109	62 - 141	16	30		
2-Butanone (MEK)	116	114	33 - 157	2	30		
Tetrachloroethene	90	88	76 - 126	2	30		
Trichloroethene	97	99	84 - 115	2	30		
Vinyl chloride	118	119	59 - 144	1	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	97	92	75 - 120
Dibromofluoromethane	100	98	75 - 121
Toluene-d8 (Surr)	101	97	75 - 120

Client: Ashland Inc.

Job Number: 680-58869-1

Method Blank - Batch: 680-173051

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-173051/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/30/2010 1253
Date Prepared: 06/30/2010 1253

Analysis Batch: 680-173051
Prep Batch: N/A
Units: mg/L

Instrument ID: MSP
Lab File ID: pq393.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	0.0010	U	0.0010	0.0010
Carbon tetrachloride	0.0010	U	0.0010	0.0010
Chlorobenzene	0.0010	U	0.0010	0.0010
Chloroform	0.0010	U	0.0010	0.0010
1,2-Dichloroethane	0.0010	U	0.0010	0.0010
1,1-Dichloroethene	0.0010	U	0.0010	0.0010
2-Butanone (MEK)	0.010	U	0.010	0.010
Tetrachloroethene	0.0010	U	0.0010	0.0010
Trichloroethene	0.0010	U	0.0010	0.0010
Vinyl chloride	0.0010	U	0.0010	0.0010

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	89	75 - 120
Dibromofluoromethane	99	75 - 121
Toluene-d8 (Surr)	96	75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

TCLP SPLPE Leachate Blank - Batch: 680-173051

Method: 8260B
Preparation: 5030B
TCLP

Lab Sample ID: LB 680-172800/11-A
Client Matrix: Solid
Dilution: 20
Date Analyzed: 06/30/2010 1752
Date Prepared: 06/30/2010 1752
Date Leached: 06/28/2010 1652

Analysis Batch: 680-173051
Prep Batch: N/A
Units: mg/L

Leachate Batch: 680-172800

Instrument ID: MSP
Lab File ID: p0281.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	0.020	U	0.020	0.020
Carbon tetrachloride	0.020	U	0.020	0.020
Chlorobenzene	0.020	U	0.020	0.020
Chloroform	0.020	U	0.020	0.020
1,2-Dichloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.020	U	0.020	0.020
2-Butanone (MEK)	0.20	U	0.20	0.20
Tetrachloroethene	0.020	U	0.020	0.020
Trichloroethene	0.020	U	0.020	0.020
Vinyl chloride	0.020	U	0.020	0.020

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	75 - 120
Dibromofluoromethane	88	75 - 121
Toluene-d8 (Surr)	103	75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-173051

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-173051/5	Analysis Batch:	680-173051	Instrument ID:	MSP
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq385.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 1055			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 1055				

LCSD Lab Sample ID:	LCSD 680-173051/6	Analysis Batch:	680-173051	Instrument ID:	MSP
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq387.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	5 mL
Date Analyzed:	06/30/2010 1125			Final Weight/Volume:	5 mL
Date Prepared:	06/30/2010 1125				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	97	99	77 - 119	2	30		
Carbon tetrachloride	110	108	71 - 135	3	30		
Chlorobenzene	111	109	85 - 116	3	30		
Chloroform	102	101	82 - 120	1	30		
1,2-Dichloroethane	97	97	66 - 132	0	30		
1,1-Dichloroethene	113	118	62 - 141	4	30		
2-Butanone (MEK)	96	101	33 - 157	5	30		
Tetrachloroethene	89	86	76 - 126	3	30		
Trichloroethene	103	101	84 - 115	2	30		
Vinyl chloride	105	114	59 - 144	8	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	96	98	75 - 120
Dibromofluoromethane	101	101	75 - 121
Toluene-d8 (Surr)	100	98	75 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Method Blank - Batch: 680-172750

Method: 625
Preparation: 625

Lab Sample ID: MB 680-172750/8-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/06/2010 2205
Date Prepared: 06/28/2010 1454

Analysis Batch: 680-173453
Prep Batch: 680-172750
Units: ug/L

Instrument ID: MSN
Lab File ID: n8090.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Acenaphthene	10	U	0.75	10
Anthracene	10	U	0.73	10
Bis(2-ethylhexyl) phthalate	10	U	1.6	10
1,2-Dichlorobenzene	10	U	0.56	10
1,3-Dichlorobenzene	10	U	0.66	10
1,4-Dichlorobenzene	10	U	0.58	10
Diethyl phthalate	10	U	0.86	10
Dimethyl phthalate	10	U	0.97	10
Di-n-butyl phthalate	10	U	0.88	10
Fluoranthene	10	U	0.71	10
Fluorene	10	U	0.93	10
Hexachlorobenzene	10	U	0.81	10
Hexachlorobutadiene	10	U	0.62	10
Hexachloroethane	10	U	0.81	10
Naphthalene	10	U	0.17	10
Nitrobenzene	10	U	0.58	10
Phenanthrene	10	U	0.81	10
Pyrene	10	U	0.64	10
1,2,4-Trichlorobenzene	10	U	0.56	10

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	82	38 - 121
Nitrobenzene-d5	84	44 - 119
Terphenyl-d14	92	10 - 165

Client: Ashland Inc.

Job Number: 680-58869-1

Method Blank - Batch: 680-172750

Method: 625
Preparation: 625

Lab Sample ID:	MB 680-172750/8-A	Analysis Batch:	680-173433	Instrument ID:	MSN
Client Matrix:	Water	Prep Batch:	680-172750	Lab File ID:	n8107.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	07/07/2010 0440			Final Weight/Volume:	1 mL
Date Prepared:	06/28/2010 1454			Injection Volume:	1 uL

Analyte	Result	Qual	MDL	RL
2-Nitrophenol	10	U	0.74	10
4,6-Dinitro-o-cresol	50	U	5.0	50
4-Nitrophenol	50	U	10	50

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	71	35 - 110
2,4,6-Tribromophenol	85	34 - 132
Phenol-d5	57	27 - 119

Lab Control Sample - Batch: 680-172750

Method: 625
Preparation: 625

Lab Sample ID: LCS 680-172750/9-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/06/2010 2228
Date Prepared: 06/28/2010 1454

Analysis Batch: 680-173453
Prep Batch: 680-172750
Units: ug/L

Instrument ID: MSN
Lab File ID: n8091.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	100	88.5	88	47 - 145	
Anthracene	100	85.8	86	27 - 133	
Bis(2-ethylhexyl) phthalate	100	95.0	95	8 - 158	
1,2-Dichlorobenzene	100	66.4	66	32 - 129	
1,3-Dichlorobenzene	100	61.2	61	1 - 172	
1,4-Dichlorobenzene	100	64.8	65	20 - 124	
Diethyl phthalate	100	70.2	70	1 - 114	
Dimethyl phthalate	100	31.8	32	1 - 112	
Di-n-butyl phthalate	100	88.2	88	1 - 118	
Fluoranthene	100	88.5	89	26 - 137	
Fluorene	100	90.8	91	59 - 121	
Hexachlorobenzene	100	83.8	84	1 - 152	
Hexachlorobutadiene	100	75.8	76	24 - 116	
Hexachloroethane	100	56.3	56	40 - 113	
Naphthalene	100	80.7	81	21 - 133	
Nitrobenzene	100	88.9	89	35 - 180	
Phenanthrene	100	88.1	88	54 - 120	
Pyrene	100	86.6	87	52 - 115	
1,2,4-Trichlorobenzene	100	77.0	77	44 - 142	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	87	38 - 121
Nitrobenzene-d5	89	44 - 119
Terphenyl-d14	88	10 - 165

Lab Control Sample - Batch: 680-172750

Method: 625
Preparation: 625

Lab Sample ID: LCS 680-172750/9-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/07/2010 0504
Date Prepared: 06/28/2010 1454

Analysis Batch: 680-173433
Prep Batch: 680-172750
Units: ug/L

Instrument ID: MSN
Lab File ID: n8108.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Nitrophenol	100	68.0	68	29 - 182	
4,6-Dinitro-o-cresol	100	26.0	26	1 - 181	J
4-Nitrophenol	100	75.1	75	1 - 132	

Client: Ashland Inc. Job Number: 680-58869-1

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	74	35 - 110
2,4,6-Tribromophenol	79	34 - 132
Phenol-d5	60	27 - 119

Client: Ashland Inc.

Job Number: 680-58869-1

Method Blank - Batch: 680-172973

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-172973/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/06/2010 1157
Date Prepared: 06/30/2010 1349

Analysis Batch: 680-173336
Prep Batch: 680-172973
Units: mg/L

Instrument ID: MSN
Lab File ID: n8071.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.010	U	0.010	0.010
2,4-Dinitrotoluene	0.010	U	0.010	0.010
Hexachloroethane	0.010	U	0.010	0.010
Hexachlorobenzene	0.010	U	0.010	0.010
Hexachlorobutadiene	0.010	U	0.010	0.010
Methyl Phenols,Total	0.020	U	0.020	0.020
Nitrobenzene	0.010	U	0.010	0.010
Pentachlorophenol	0.050	U	0.050	0.050
Pyridine	0.050	U	0.050	0.050
2,4,5-Trichlorophenol	0.010	U	0.010	0.010
2,4,6-Trichlorophenol	0.010	U	0.010	0.010

Surrogate	% Rec		Acceptance Limits
2,4,6-Tribromophenol	90		40 - 139
2-Fluorobiphenyl	12	X	50 - 113
2-Fluorophenol	66		36 - 110
Nitrobenzene-d5	72		45 - 112
Phenol-d5	69		38 - 116
Terphenyl-d14	107		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

TCLP SPLPE Leachate Blank - Batch: 680-172973

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID:	LB 680-172870/13-B	Analysis Batch:	680-173336	Instrument ID:	MSN
Client Matrix:	Solid	Prep Batch:	680-172973	Lab File ID:	n8072.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	200 mL
Date Analyzed:	07/06/2010 1220			Final Weight/Volume:	1 mL
Date Prepared:	06/30/2010 1349			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443	Leachate Batch:	680-172870		

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.050	U	0.050	0.050
2,4-Dinitrotoluene	0.050	U	0.050	0.050
Hexachloroethane	0.050	U	0.050	0.050
Hexachlorobenzene	0.050	U	0.050	0.050
Hexachlorobutadiene	0.050	U	0.050	0.050
Methyl Phenols,Total	0.10	U	0.10	0.10
Nitrobenzene	0.050	U	0.050	0.050
Pentachlorophenol	0.25	U	0.25	0.25
Pyridine	0.25	U	0.25	0.25
2,4,5-Trichlorophenol	0.050	U	0.050	0.050
2,4,6-Trichlorophenol	0.050	U	0.050	0.050

Surrogate	% Rec		Acceptance Limits
2,4,6-Tribromophenol	97		40 - 139
2-Fluorobiphenyl	39	X	50 - 113
2-Fluorophenol	68		36 - 110
Nitrobenzene-d5	72		45 - 112
Phenol-d5	69		38 - 116
Terphenyl-d14	102		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

TCLP SPLPW Leachate Blank - Batch: 680-172973

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID:	LB2 680-172870/14-B	Analysis Batch:	680-173336	Instrument ID:	MSN
Client Matrix:	Solid	Prep Batch:	680-172973	Lab File ID:	n8073.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	200 mL
Date Analyzed:	07/06/2010 1244			Final Weight/Volume:	1 mL
Date Prepared:	06/30/2010 1349			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443	Leachate Batch:	680-172870		

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.050	U	0.050	0.050
2,4-Dinitrotoluene	0.050	U	0.050	0.050
Hexachloroethane	0.050	U	0.050	0.050
Hexachlorobenzene	0.050	U	0.050	0.050
Hexachlorobutadiene	0.050	U	0.050	0.050
Methyl Phenols,Total	0.10	U	0.10	0.10
Nitrobenzene	0.050	U	0.050	0.050
Pentachlorophenol	0.25	U	0.25	0.25
Pyridine	0.25	U	0.25	0.25
2,4,5-Trichlorophenol	0.050	U	0.050	0.050
2,4,6-Trichlorophenol	0.050	U	0.050	0.050

Surrogate	% Rec		Acceptance Limits
2,4,6-Tribromophenol	76		40 - 139
2-Fluorobiphenyl	47	X	50 - 113
2-Fluorophenol	63		36 - 110
Nitrobenzene-d5	68		45 - 112
Phenol-d5	60		38 - 116
Terphenyl-d14	81		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Lab Control Sample - Batch: 680-172973

Method: 8270C
Preparation: 3520C

Lab Sample ID:	LCS 680-172973/22-A	Analysis Batch:	680-173336	Instrument ID:	MSN
Client Matrix:	Water	Prep Batch:	680-172973	Lab File ID:	n8074.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	07/06/2010 1307			Final Weight/Volume:	1 mL
Date Prepared:	06/30/2010 1349			Injection Volume:	1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	0.100	0.0419	42	38 - 110	
2,4-Dinitrotoluene	0.100	0.101	101	49 - 128	
Hexachloroethane	0.100	0.0339	34	33 - 110	
Hexachlorobenzene	0.100	0.0900	90	48 - 119	
Hexachlorobutadiene	0.100	0.0409	41	40 - 110	
Nitrobenzene	0.100	0.0840	84	46 - 110	
Pentachlorophenol	0.100	0.103	103	37 - 132	
Pyridine	0.100	0.0662	66	10 - 110	
2,4,5-Trichlorophenol	0.100	0.0919	92	47 - 122	
2,4,6-Trichlorophenol	0.100	0.0961	96	46 - 120	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	103	40 - 139
2-Fluorobiphenyl	72	50 - 113
2-Fluorophenol	67	36 - 110
Nitrobenzene-d5	84	45 - 112
Phenol-d5	79	38 - 116
Terphenyl-d14	99	10 - 121

Client: Ashland Inc.

Job Number: 680-58869-1

Method Blank - Batch: 680-173236

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-173236/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/08/2010 1121
Date Prepared: 07/02/2010 1354

Analysis Batch: 680-173685
Prep Batch: 680-173236
Units: mg/L

Instrument ID: MSG
Lab File ID: g2154.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.010	U	0.010	0.010
2,4-Dinitrotoluene	0.010	U	0.010	0.010
Hexachloroethane	0.010	U	0.010	0.010
Hexachlorobenzene	0.010	U	0.010	0.010
Hexachlorobutadiene	0.010	U	0.010	0.010
Methyl Phenols,Total	0.020	U	0.020	0.020
Nitrobenzene	0.010	U	0.010	0.010
Pentachlorophenol	0.050	U	0.050	0.050
Pyridine	0.050	U	0.050	0.050
2,4,5-Trichlorophenol	0.010	U	0.010	0.010
2,4,6-Trichlorophenol	0.010	U	0.010	0.010

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	130	40 - 139
2-Fluorobiphenyl	83	50 - 113
2-Fluorophenol	69	36 - 110
Nitrobenzene-d5	64	45 - 112
Phenol-d5	62	38 - 116
Terphenyl-d14	103	10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

TCLP SPLPE Leachate Blank - Batch: 680-173236

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID:	LB 680-172992/10-F	Analysis Batch:	680-173685	Instrument ID:	MSG
Client Matrix:	Solid	Prep Batch:	680-173236	Lab File ID:	g2155.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	200 mL
Date Analyzed:	07/08/2010 1145			Final Weight/Volume:	1 mL
Date Prepared:	07/02/2010 1354			Injection Volume:	1 uL
Date Leached:	06/29/2010 1611	Leachate Batch:	680-172992		

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.050	U	0.050	0.050
2,4-Dinitrotoluene	0.050	U	0.050	0.050
Hexachloroethane	0.050	U	0.050	0.050
Hexachlorobenzene	0.050	U	0.050	0.050
Hexachlorobutadiene	0.050	U	0.050	0.050
Methyl Phenols,Total	0.10	U	0.10	0.10
Nitrobenzene	0.050	U	0.050	0.050
Pentachlorophenol	0.25	U	0.25	0.25
Pyridine	0.25	U	0.25	0.25
2,4,5-Trichlorophenol	0.050	U	0.050	0.050
2,4,6-Trichlorophenol	0.050	U	0.050	0.050

Surrogate	% Rec		Acceptance Limits
2,4,6-Tribromophenol	128		40 - 139
2-Fluorobiphenyl	48	X	50 - 113
2-Fluorophenol	63		36 - 110
Nitrobenzene-d5	54		45 - 112
Phenol-d5	63		38 - 116
Terphenyl-d14	101		10 - 121

Client: Ashland Inc.

Job Number: 680-58869-1

Method Blank - Batch: 680-173540

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-173540/15-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1314
Date Prepared: 07/08/2010 1356

Analysis Batch: 680-173953
Prep Batch: 680-173540
Units: mg/L

Instrument ID: MST
Lab File ID: t4705.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.010	U	0.010	0.010
2,4-Dinitrotoluene	0.010	U	0.010	0.010
Hexachloroethane	0.010	U	0.010	0.010
Hexachlorobenzene	0.010	U	0.010	0.010
Hexachlorobutadiene	0.010	U	0.010	0.010
Methyl Phenols,Total	0.020	U	0.020	0.020
Nitrobenzene	0.010	U	0.010	0.010
Pentachlorophenol	0.050	U	0.050	0.050
Pyridine	0.050	U	0.050	0.050
2,4,5-Trichlorophenol	0.010	U	0.010	0.010
2,4,6-Trichlorophenol	0.010	U	0.010	0.010

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	85	40 - 139
2-Fluorobiphenyl	82	50 - 113
2-Fluorophenol	64	36 - 110
Nitrobenzene-d5	81	45 - 112
Phenol-d5	69	38 - 116
Terphenyl-d14	88	10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

TCLP SPLPE Leachate Blank - Batch: 680-173540

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID:	LB 680-172870/13-I	Analysis Batch:	680-173953	Instrument ID:	MST
Client Matrix:	Solid	Prep Batch:	680-173540	Lab File ID:	t4706.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2010 1338			Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443	Leachate Batch:	680-172870		

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.050	U	0.050	0.050
2,4-Dinitrotoluene	0.050	U	0.050	0.050
Hexachloroethane	0.050	U	0.050	0.050
Hexachlorobenzene	0.050	U	0.050	0.050
Hexachlorobutadiene	0.050	U	0.050	0.050
Methyl Phenols,Total	0.10	U	0.10	0.10
Nitrobenzene	0.050	U	0.050	0.050
Pentachlorophenol	0.25	U	0.25	0.25
Pyridine	0.25	U	0.25	0.25
2,4,5-Trichlorophenol	0.050	U	0.050	0.050
2,4,6-Trichlorophenol	0.050	U	0.050	0.050

Surrogate	% Rec		Acceptance Limits
2,4,6-Tribromophenol	93		40 - 139
2-Fluorobiphenyl	45	X	50 - 113
2-Fluorophenol	62		36 - 110
Nitrobenzene-d5	64		45 - 112
Phenol-d5	77		38 - 116
Terphenyl-d14	80		10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

TCLP SPLPW Leachate Blank - Batch: 680-173540

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID:	LB2 680-172870/14-I	Analysis Batch:	680-173953	Instrument ID:	MST
Client Matrix:	Solid	Prep Batch:	680-173540	Lab File ID:	t4707.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	200 mL
Date Analyzed:	07/12/2010 1402			Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443	Leachate Batch:	680-172870		

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.050	U	0.050	0.050
2,4-Dinitrotoluene	0.050	U	0.050	0.050
Hexachloroethane	0.050	U	0.050	0.050
Hexachlorobenzene	0.050	U	0.050	0.050
Hexachlorobutadiene	0.050	U	0.050	0.050
Methyl Phenols,Total	0.10	U	0.10	0.10
Nitrobenzene	0.050	U	0.050	0.050
Pentachlorophenol	0.25	U	0.25	0.25
Pyridine	0.25	U	0.25	0.25
2,4,5-Trichlorophenol	0.050	U	0.050	0.050
2,4,6-Trichlorophenol	0.050	U	0.050	0.050

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	94	40 - 139
2-Fluorobiphenyl	65	50 - 113
2-Fluorophenol	64	36 - 110
Nitrobenzene-d5	76	45 - 112
Phenol-d5	74	38 - 116
Terphenyl-d14	80	10 - 121

TCLP SPLPE Leachate Blank - Batch: 680-173540

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID:	LB 680-173595/7-D	Analysis Batch:	680-174113	Instrument ID:	MST
Client Matrix:	Solid	Prep Batch:	680-173540	Lab File ID:	t4753.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	200 mL
Date Analyzed:	07/13/2010 1039			Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL
Date Leached:	07/07/2010 1926	Leachate Batch:	680-173595		

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	0.050	U	0.050	0.050
2,4-Dinitrotoluene	0.050	U	0.050	0.050
Hexachloroethane	0.050	U	0.050	0.050
Hexachlorobenzene	0.050	U	0.050	0.050
Hexachlorobutadiene	0.050	U	0.050	0.050
Methyl Phenols,Total	0.10	U	0.10	0.10
Nitrobenzene	0.050	U	0.050	0.050
Pentachlorophenol	0.25	U	0.25	0.25
Pyridine	0.25	U	0.25	0.25
2,4,5-Trichlorophenol	0.050	U	0.050	0.050
2,4,6-Trichlorophenol	0.050	U	0.050	0.050

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	99	40 - 139
2-Fluorobiphenyl	50	50 - 113
2-Fluorophenol	58	36 - 110
Nitrobenzene-d5	72	45 - 112
Phenol-d5	68	38 - 116
Terphenyl-d14	80	10 - 121

Client: Ashland Inc. Job Number: 680-58869-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-173540

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID:	LCS 680-173540/16-A	Analysis Batch:	680-173953	Instrument ID:	MST
Client Matrix:	Water	Prep Batch:	680-173540	Lab File ID:	t4710.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	07/12/2010 1515			Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 680-173540/27-A	Analysis Batch:	680-173953	Instrument ID:	MST
Client Matrix:	Water	Prep Batch:	680-173540	Lab File ID:	t4711.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	07/12/2010 1539			Final Weight/Volume:	1 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	1 uL

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	53	46	38 - 110	14	40		
2,4-Dinitrotoluene	94	94	49 - 128	0	40		
Hexachloroethane	48	39	33 - 110	19	40		
Hexachlorobenzene	92	98	48 - 119	6	40		
Hexachlorobutadiene	57	48	40 - 110	16	40		
Nitrobenzene	82	79	46 - 110	4	40		
Pentachlorophenol	103	100	37 - 132	3	40		
Pyridine	50	53	10 - 110	5	40		
2,4,5-Trichlorophenol	92	92	47 - 122	0	40		
2,4,6-Trichlorophenol	92	94	46 - 120	2	40		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	103	103	40 - 139
2-Fluorobiphenyl	93	91	50 - 113
2-Fluorophenol	70	70	36 - 110
Nitrobenzene-d5	89	86	45 - 112
Phenol-d5	79	77	38 - 116
Terphenyl-d14	96	100	10 - 121

TCLP SPLPE Leachate Blank - Batch: 680-173224

Method: 8081A_8082
Preparation: 3520C
TCLP

Lab Sample ID:	LB 680-172870/13-F	Analysis Batch:	680-173371	Instrument ID:	SGM
Client Matrix:	Solid	Prep Batch:	680-173224	Lab File ID:	mg06029.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	20 mL
Date Analyzed:	07/06/2010 1507			Final Weight/Volume:	10 mL
Date Prepared:	07/02/2010 1354			Injection Volume:	2 uL
Date Leached:	06/28/2010 1443	Leachate Batch:	680-172870	Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Chlordane (technical)	0.025	U	0.025	0.025
Endrin	0.0050	U	0.0050	0.0050
gamma-BHC (Lindane)	0.0025	U	0.0025	0.0025
Heptachlor	0.0025	U	0.0025	0.0025
Heptachlor epoxide	0.0025	U	0.0025	0.0025
Methoxychlor	0.0025	U	0.0025	0.0025
Toxaphene	0.25	U	0.25	0.25

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	72	14 - 115

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	69		14 - 115
Tetrachloro-m-xylene	9	p X	35 - 120
Tetrachloro-m-xylene	14	X	35 - 120

Method Blank - Batch: 680-173224

Method: 8081A_8082
Preparation: 3520C

Lab Sample ID:	MB 680-173224/19-A	Analysis Batch:	680-173371	Instrument ID:	SGM
Client Matrix:	Water	Prep Batch:	680-173224	Lab File ID:	mg06031.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	07/06/2010 1545			Final Weight/Volume:	10 mL
Date Prepared:	07/02/2010 1354			Injection Volume:	2 uL
				Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Chlordane (technical)	0.00050	U	0.00050	0.00050
Endrin	0.00010	U	0.00010	0.00010
gamma-BHC (Lindane)	0.000050	U	0.000050	0.000050
Heptachlor	0.000050	U	0.000050	0.000050
Heptachlor epoxide	0.000050	U	0.000050	0.000050
Methoxychlor	0.000050	U	0.000050	0.000050
Toxaphene	0.0050	U	0.0050	0.0050

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	64	14 - 115
Tetrachloro-m-xylene	73	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	60	14 - 115
Tetrachloro-m-xylene	71	35 - 120

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-173224

Method: 8081A_8082
Preparation: 3520C

LCS Lab Sample ID: LCS 680-173224/20-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/06/2010 1605
Date Prepared: 07/02/2010 1354

Analysis Batch: 680-173371
Prep Batch: 680-173224
Units: mg/L

Instrument ID: SGM
Lab File ID: mg06032.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 680-173224/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/06/2010 1624
Date Prepared: 07/02/2010 1354

Analysis Batch: 680-173371
Prep Batch: 680-173224
Units: mg/L

Instrument ID: SGM
Lab File ID: mg06033.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Endrin	100	106	38 - 144	6	30		
gamma-BHC (Lindane)	99	110	31 - 118	11	30		
Heptachlor	93	96	30 - 133	3	30		
Heptachlor epoxide	98	106	34 - 126	8	30		
Methoxychlor	101	101	10 - 243	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	75	67	14 - 115
Tetrachloro-m-xylene	58	76	35 - 120

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	69	62	14 - 115
Tetrachloro-m-xylene	53	66	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-173224

Method: 8081A_8082
Preparation: 3520C
TCLP

MS Lab Sample ID:	680-58869-6	Analysis Batch: 680-173371	Instrument ID: SGM
Client Matrix:	Solid	Prep Batch: 680-173224	Lab File ID: mg06039.d
Dilution:	1.0		Initial Weight/Volume: 20 mL
Date Analyzed:	07/06/2010 1820		Final Weight/Volume: 10 mL
Date Prepared:	07/02/2010 1354		Injection Volume: 2 uL
Date Leached:	06/29/2010 1611	Leachate Batch: 680-172992	Column ID: PRIMARY
MSD Lab Sample ID:	680-58869-6	Analysis Batch: 680-173371	Instrument ID: SGM
Client Matrix:	Solid	Prep Batch: 680-173224	Lab File ID: mg06040.d
Dilution:	1.0		Initial Weight/Volume: 20 mL
Date Analyzed:	07/06/2010 1839		Final Weight/Volume: 10 mL
Date Prepared:	07/02/2010 1354		Injection Volume: 2 uL
Date Leached:	06/29/2010 1611	Leachate Batch: 680-172992	Column ID: PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Endrin	85	108	38 - 144	24	30		
gamma-BHC (Lindane)	95	99	31 - 118	5	30		
Heptachlor	0	0	30 - 133	NC	30	U F	U F
Heptachlor epoxide	80	80	34 - 126	0	30		
Methoxychlor	65	133	10 - 243	69	30	p	F

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	51		53		14 - 115
Tetrachloro-m-xylene	24	X	22	X	35 - 120

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	45		46		14 - 115
Tetrachloro-m-xylene	21	X	19	X	35 - 120

TCLP SPLPE Leachate Blank - Batch: 680-173542

Method: 8081A_8082
Preparation: 3520C
TCLP

Lab Sample ID:	LB 680-173595/7-C	Analysis Batch:	680-173811	Instrument ID:	SGJ
Client Matrix:	Solid	Prep Batch:	680-173542	Lab File ID:	jg08065.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	20 mL
Date Analyzed:	07/09/2010 1130			Final Weight/Volume:	10 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	2 uL
Date Leached:	07/07/2010 1926	Leachate Batch:	680-173595	Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Chlordane (technical)	0.025	U	0.025	0.025
Endrin	0.0050	U	0.0050	0.0050
gamma-BHC (Lindane)	0.0025	U	0.0025	0.0025
Heptachlor	0.0025	U	0.0025	0.0025
Heptachlor epoxide	0.0025	U	0.0025	0.0025
Methoxychlor	0.0025	U	0.0025	0.0025
Toxaphene	0.25	U	0.25	0.25

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	78	14 - 115
Tetrachloro-m-xylene	67	35 - 120

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	56	14 - 115
Tetrachloro-m-xylene	61	35 - 120

Method Blank - Batch: 680-173542

Method: 8081A_8082
Preparation: 3520C

Lab Sample ID:	MB 680-173542/6-A	Analysis Batch:	680-173811	Instrument ID:	SGJ
Client Matrix:	Water	Prep Batch:	680-173542	Lab File ID:	jg08066.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	07/09/2010 1153			Final Weight/Volume:	10 mL
Date Prepared:	07/08/2010 1356			Injection Volume:	2 uL
				Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Chlordane (technical)	0.00050	U	0.00050	0.00050
Endrin	0.00010	U	0.00010	0.00010
gamma-BHC (Lindane)	0.000050	U	0.000050	0.000050
Heptachlor	0.000050	U	0.000050	0.000050
Heptachlor epoxide	0.000050	U	0.000050	0.000050
Methoxychlor	0.000050	U	0.000050	0.000050
Toxaphene	0.0050	U	0.0050	0.0050

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	64	14 - 115
Tetrachloro-m-xylene	61	35 - 120

Client: Ashland Inc. Job Number: 680-58869-1

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	57	14 - 115
Tetrachloro-m-xylene	60	35 - 120

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-173542

Method: 8081A_8082
Preparation: 3520C

LCS Lab Sample ID: LCS 680-173542/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/09/2010 1216
Date Prepared: 07/08/2010 1356

Analysis Batch: 680-173811
Prep Batch: 680-173542
Units: mg/L

Instrument ID: SGJ
Lab File ID: jg08067.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 680-173542/8-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/09/2010 1239
Date Prepared: 07/08/2010 1356

Analysis Batch: 680-173811
Prep Batch: 680-173542
Units: mg/L

Instrument ID: SGJ
Lab File ID: jg08068.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Endrin	87	81	38 - 144	8	30		
gamma-BHC (Lindane)	85	83	31 - 118	3	30		
Heptachlor	65	69	30 - 133	7	30		
Heptachlor epoxide	81	81	34 - 126	1	30		
Methoxychlor	108	104	10 - 243	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	59	58	14 - 115
Tetrachloro-m-xylene	59	61	35 - 120

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	51	49	14 - 115
Tetrachloro-m-xylene	56	60	35 - 120

TCLP SPLPE Leachate Blank - Batch: 680-173072

Method: 8151A
Preparation: 8151A
TCLP

Lab Sample ID:	LB 680-172870/13-D	Analysis Batch:	680-173803	Instrument ID:	SGS
Client Matrix:	Solid	Prep Batch:	680-173072	Lab File ID:	sg09038.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	10 mL
Date Analyzed:	07/10/2010 0055			Final Weight/Volume:	10 mL
Date Prepared:	07/01/2010 0805			Injection Volume:	1 uL
Date Leached:	06/28/2010 1443	Leachate Batch:	680-172870	Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
2,4-D	0.050	U	0.050	0.050
Silvex (2,4,5-TP)	0.050	U	0.050	0.050

Surrogate	% Rec		Acceptance Limits
DCAA	81	p	50 - 150

Surrogate	% Rec	Acceptance Limits
DCAA	150	50 - 150

Method Blank - Batch: 680-173072

Method: 8151A
Preparation: 8151A

Lab Sample ID:	MB 680-173072/22-A	Analysis Batch:	680-173803	Instrument ID:	SGS
Client Matrix:	Water	Prep Batch:	680-173072	Lab File ID:	sg09039.d
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	07/10/2010 0111			Final Weight/Volume:	10 mL
Date Prepared:	07/01/2010 0805			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
2,4-D	0.00050	U	0.00050	0.00050
Silvex (2,4,5-TP)	0.00050	U	0.00050	0.00050

Surrogate	% Rec		Acceptance Limits
DCAA	75	p	50 - 150

Surrogate	% Rec	Acceptance Limits
DCAA	146	50 - 150

Client: Ashland Inc.

Job Number: 680-58869-1

Lab Control Sample - Batch: 680-173072

Method: 8151A
Preparation: 8151A

Lab Sample ID: LCS 680-173072/23-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/10/2010 0127
Date Prepared: 07/01/2010 0805

Analysis Batch: 680-173803
Prep Batch: 680-173072
Units: mg/L

Instrument ID: SGS
Lab File ID: sg09040.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4-D	0.00200	0.00169	85	50 - 150	p
Silvex (2,4,5-TP)	0.00200	0.00176	88	50 - 150	

Surrogate	% Rec		Acceptance Limits
DCAA	83	p	50 - 150

Surrogate	% Rec	Acceptance Limits
DCAA	128	50 - 150

Client: Ashland Inc. Job Number: 680-58869-1

TCLP SPLPE Leachate Blank - Batch: 680-173031

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: LB 680-172870/13-C
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/02/2010 0021
Date Prepared: 06/30/2010 1446
Date Leached: 06/28/2010 1443

Analysis Batch: 680-173243
Prep Batch: 680-173031
Units: mg/L

Leachate Batch: 680-172870

Instrument ID: ICPD
Lab File ID: 07012010.chr
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	0.20	U	0.20	0.20
Barium	1.0	U	1.0	1.0
Cadmium	0.10	U	0.10	0.10
Chromium	0.20	U	0.20	0.20
Lead	0.20	U	0.20	0.20
Selenium	0.50	U	0.50	0.50
Silver	0.10	U	0.10	0.10

TCLP SPLPW Leachate Blank - Batch: 680-173031

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: LB2 680-172870/14-C
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/02/2010 0026
Date Prepared: 06/30/2010 1446
Date Leached: 06/28/2010 1443

Analysis Batch: 680-173243
Prep Batch: 680-173031
Units: mg/L

Leachate Batch: 680-172870

Instrument ID: ICPD
Lab File ID: 07012010.chr
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	0.20	U	0.20	0.20
Barium	1.0	U	1.0	1.0
Cadmium	0.10	U	0.10	0.10
Chromium	0.20	U	0.20	0.20
Lead	0.20	U	0.20	0.20
Selenium	0.50	U	0.50	0.50
Silver	0.10	U	0.10	0.10

Client: Ashland Inc. Job Number: 680-58869-1

Lab Control Sample - Batch: 680-173031

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 680-173031/15-A	Analysis Batch:	680-173243	Instrument ID:	ICPD
Client Matrix:	Water	Prep Batch:	680-173031	Lab File ID:	07012010.chr
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	5 mL
Date Analyzed:	07/02/2010 0031			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1446				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	20.0	18.8	94	75 - 125	
Barium	20.0	19.0	95	75 - 125	
Cadmium	0.500	0.473	95	75 - 125	
Chromium	2.00	1.89	95	75 - 125	
Lead	5.00	4.75	95	75 - 125	
Selenium	20.0	19.1	95	75 - 125	
Silver	0.500	0.476	95	75 - 125	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-173031

Method: 6010B
Preparation: 3010A
TCLP

MS Lab Sample ID:	680-58869-1	Analysis Batch:	680-173243	Instrument ID:	ICPD
Client Matrix:	Solid	Prep Batch:	680-173031	Lab File ID:	07012010.chr
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	07/02/2010 0052			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1446				
Date Leached:	06/28/2010 1443	Leachate Batch:	680-172870		
MSD Lab Sample ID:	680-58869-1	Analysis Batch:	680-173243	Instrument ID:	ICPD
Client Matrix:	Solid	Prep Batch:	680-173031	Lab File ID:	07012010.chr
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	07/02/2010 0057			Final Weight/Volume:	50 mL
Date Prepared:	06/30/2010 1446				
Date Leached:	06/28/2010 1443	Leachate Batch:	680-172870		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	100	101	75 - 125	2	20		
Barium	101	103	75 - 125	2	20		
Cadmium	100	101	75 - 125	1	20		
Chromium	101	102	75 - 125	1	20		
Lead	101	102	75 - 125	1	20		
Selenium	101	102	75 - 125	1	20		
Silver	101	101	75 - 125	0	20		

Client: Ashland Inc. Job Number: 680-58869-1

TCLP SPLPE Leachate Blank - Batch: 680-173034

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: LB 680-172992/10-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/01/2010 2242
Date Prepared: 06/30/2010 1452
Date Leached: 06/29/2010 1611

Analysis Batch: 680-173243
Prep Batch: 680-173034
Units: mg/L

Leachate Batch: 680-172992

Instrument ID: ICPD
Lab File ID: 07012010.chr
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	0.20	U	0.20	0.20
Barium	1.0	U	1.0	1.0
Cadmium	0.10	U	0.10	0.10
Chromium	0.20	U	0.20	0.20
Lead	0.20	U	0.20	0.20
Selenium	0.50	U	0.50	0.50
Silver	0.10	U	0.10	0.10

Lab Control Sample - Batch: 680-173034

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 680-173034/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/01/2010 2247
Date Prepared: 06/30/2010 1452

Analysis Batch: 680-173243
Prep Batch: 680-173034
Units: mg/L

Instrument ID: ICPD
Lab File ID: 07012010.chr
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	20.0	20.9	105	75 - 125	
Barium	20.0	21.1	106	75 - 125	
Cadmium	0.500	0.528	106	75 - 125	
Chromium	2.00	2.10	105	75 - 125	
Lead	5.00	5.28	106	75 - 125	
Selenium	20.0	21.2	106	75 - 125	
Silver	0.500	0.528	106	75 - 125	

Client: Ashland Inc. Job Number: 680-58869-1

TCLP SPLPE Leachate Blank - Batch: 680-173090

Method: 7470A
Preparation: 7470A
TCLP

Lab Sample ID:	LB 680-172992/10-D	Analysis Batch:	680-173259	Instrument ID:	LEEMAN1
Client Matrix:	Solid	Prep Batch:	680-173090	Lab File ID:	17315217309017309707011O
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 1915			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1008				
Date Leached:	06/29/2010 1611	Leachate Batch:	680-172992		

Analyte	Result	Qual	MDL	RL
Mercury	0.020	U	0.020	0.020

Lab Control Sample - Batch: 680-173090

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 680-173090/17-A	Analysis Batch:	680-173259	Instrument ID:	LEEMAN1
Client Matrix:	Water	Prep Batch:	680-173090	Lab File ID:	17315217309017309707011O
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 1918			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1008				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.250	0.260	104	80 - 120	

TCLP SPLPE Leachate Blank - Batch: 680-173097

Method: 7470A
Preparation: 7470A
TCLP

Lab Sample ID:	LB 680-172870/13-E	Analysis Batch:	680-173259	Instrument ID:	LEEMAN1
Client Matrix:	Solid	Prep Batch:	680-173097	Lab File ID:	17315217309017309707011O
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 2007			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1019				
Date Leached:	06/28/2010 1443	Leachate Batch:	680-172870		

Analyte	Result	Qual	MDL	RL
Mercury	0.020	U	0.020	0.020

TCLP SPLPW Leachate Blank - Batch: 680-173097

Method: 7470A
Preparation: 7470A
TCLP

Lab Sample ID:	LB2 680-172870/14-E	Analysis Batch:	680-173259	Instrument ID:	LEEMAN1
Client Matrix:	Solid	Prep Batch:	680-173097	Lab File ID:	17315217309017309707011O
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 2010			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1019				
Date Leached:	06/28/2010 1443	Leachate Batch:	680-172870		

Analyte	Result	Qual	MDL	RL
Mercury	0.020	U	0.020	0.020

Lab Control Sample - Batch: 680-173097

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 680-173097/17-A	Analysis Batch:	680-173259	Instrument ID:	LEEMAN1
Client Matrix:	Water	Prep Batch:	680-173097	Lab File ID:	17315217309017309707011O
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	0.50 mL
Date Analyzed:	07/01/2010 2014			Final Weight/Volume:	50 mL
Date Prepared:	07/01/2010 1019				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.250	0.243	97	80 - 120	

Client: Ashland Inc. Job Number: 680-58869-1

Method Blank - Batch: 680-173132

Method: 1030
Preparation: N/A

Lab Sample ID: MB 680-173132/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/01/2010 1000
Date Prepared: N/A

Analysis Batch: 680-173132
Prep Batch: N/A
Units: mm/sec

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	NONE	NONE
Ignitability	NB			

Client: Ashland Inc.

Job Number: 680-58869-1

Method Blank - Batch: 680-172815

Method: 9012A
Preparation: 9012A

Lab Sample ID: MB 680-172815/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/30/2010 1029
Date Prepared: 06/29/2010 0745

Analysis Batch: 680-172977
Prep Batch: 680-172815
Units: mg/Kg

Instrument ID: LATCHAT
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Cyanide, Total	5.0	U	0.21	5.0

Lab Control Sample - Batch: 680-172815

Method: 9012A
Preparation: 9012A

Lab Sample ID: LCS 680-172815/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/30/2010 1029
Date Prepared: 06/29/2010 0745

Analysis Batch: 680-172977
Prep Batch: 680-172815
Units: mg/Kg

Instrument ID: LATCHAT
Lab File ID: N/A
Initial Weight/Volume: 1.01 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	7.44	6.71	90	75 - 125	

Client: Ashland Inc. Job Number: 680-58869-1

Method Blank - Batch: 680-172955

Method: 9034
Preparation: 9030B

Lab Sample ID: MB 680-172955/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/30/2010 0952
Date Prepared: 06/30/2010 0851

Analysis Batch: 680-172962
Prep Batch: 680-172955
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 6 mL

Analyte	Result	Qual	RL	RL
Sulfide	60	U	60	60

Lab Control Sample - Batch: 680-172955

Method: 9034
Preparation: 9030B

Lab Sample ID: LCS 680-172955/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/30/2010 0952
Date Prepared: 06/30/2010 0851

Analysis Batch: 680-172962
Prep Batch: 680-172955
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.01 g
Final Weight/Volume: 6 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfide	2500	2330	93	50 - 150	

Duplicate - Batch: 680-172955

Method: 9034
Preparation: 9030B

Lab Sample ID: 680-58869-15
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/30/2010 0952
Date Prepared: 06/30/2010 0851

Analysis Batch: 680-172962
Prep Batch: 680-172955
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.01 g
Final Weight/Volume: 6 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sulfide	290	296	0	50	

Client: Ashland Inc. Job Number: 680-58869-1

Lab Control Sample - Batch: 680-173038

Method: 9045C
Preparation: N/A

Lab Sample ID: LCS 680-173038/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/30/2010 1504
Date Prepared: N/A

Analysis Batch: 680-173038
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 20.00 mL
Final Weight/Volume: 20.00 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
pH	7.00	7.040	101	63 - 158	

Duplicate - Batch: 680-173038

Method: 9045C
Preparation: N/A

Lab Sample ID: 680-58869-15
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 06/30/2010 1504
Date Prepared: N/A

Analysis Batch: 680-173038
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 20.03 mL
Final Weight/Volume: 20.00 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	12.1	12.15	1	40	

Client: Ashland Inc. Job Number: 680-58869-1

Lab Control Sample - Batch: 680-172649

Method: SM 4500 H+ B
Preparation: N/A

Lab Sample ID: LCS 680-172649/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1615
Date Prepared: N/A

Analysis Batch: 680-172649
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
pH	7.00	7.030	100	63 - 158	

Duplicate - Batch: 680-172649

Method: SM 4500 H+ B
Preparation: N/A

Lab Sample ID: 680-58869-12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1615
Date Prepared: N/A

Analysis Batch: 680-172649
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	6.00	6.000	0	40	

ARCADIS

CHAIN-OF-CUSTODY RECORD

Laboratory Task Order No./P.O. No.

Project Number/Name OH0003000.MS24.0002 / Ashland Chem

Project Location Hercules-Hattiesburg, MS

Laboratory TestAmerica-Savannah

Project Manager Craig Derouen (Arcadis-BR)

Sampler(s)/Affiliation Seth Henderson (Arcadis)

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TCLP-VOC/SVOC/PEST/HERB/metals RCI	Attached - Table 3					Remarks	Total
IBS-4 Filter Cake Solid	SL	6-23-10		1							1
IBS-8 Filter Cake Solids	SL	6-23-10 2:30 PM		1							1
IBS-4 Centrifuge Solids (No polymer)	SL	•		1							1
IBS-4 Centrifuge Solids (250 ppm Anionic Polymer)	SL	•		1							1
IBS-4 Centrifuge Solids (250 ppm Cationic Polymer)	SL	•		1							1
IBS-8 Gravity Dewatering Solids	SL	-		1							1
IBS-4 Filter Press Filtrate	L	•			1						1
IBS-8 Filter Press Filtrate	L	•			1						1
IBS-4 Centrifuge Centrate (No Polymer)	L	•			1						1
IBS-4 Centrifuge Centrate (250 ppm Anion Polymer)	L	•			1						1
IBS-4 Centrifuge Centrate (250 ppm Cation Polymer)	L	•			1					5.8°C	1
IBS-4 Gravity Dewatering Liquid	L	•			1					680-58849	1
IBS-2 (5% Portland	S			1							1
IBS-2 (10% Quicklime)	S	↓		1							1
IBS-2 (25% Fly Ash)	S	6-23-10 4:00 PM		1							1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 15

Relinquished by: [signature]	Organization: ARCADIS	Date 6/23/10	Time 1500	Seal Intact? Yes No N/A
Received by: [signature]	Organization: TA SV	Date 6/24/10	Time 0939	
Relinquished by:	Organization:	Date / /	Time	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	

Special Instructions/Remarks: Note: DIRECT Bill to Ashland Inc!

Delivery Method: ☐ In Person ☒ Common Carrier FedEx Priority 1 (SPECIFY) ☐ Lab Courier ☐ Other ________ (SPECIFY)

AG 05-12/01

Login Sample Receipt Check List

Client: Ashland Inc.

Job Number: 680-58869-1

Login Number: 58869

List Source: TestAmerica Savannah

Creator: Conner, Keaton

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.8 C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	Samples sent in plastic unpreserved bottles & paint can.
Sample bottles are completely filled.	False	Very limited sampel received due to study constraints.
Sample Preservation Verified	False	Received unpreserved fo all parameters.
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	MS/MSD not requested/ limited sample volume received.
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	