L472174 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: T110270
TANK ID#:
BAY / PIT #: Pit #2

Profile # 2484-100	API CENTRIFUGE SOLIDS		Wclass 000 GENERAL STORAGE
Manf # 000485598WAS	Page 1	Line 1	MSW NO
Haz Codes K048, K049, K051, F037, F038			

Internal needs RECERTED ON NEXT SHIPMENT - TEST ALUMINUM / SILICON. ANALYTICAL 99% WATER, ERIC IS VERIFYING THE SAMPLE IS REPRESENTATIVE OF THE DRUM 5/15/13. TURNED WS ON FOR ROLLOFF SHIPMENT CAN PULL NEW RE

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	MM 7/1	Radioactivity	Y (N)		
		Color (Describe)	Brown		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	Solid		
		pH	—	STD. UNITS	
		Cyanide (< or >)	<20	PPM	20
		Sulfide (< or >)	>20	PPM	20
		Oxidizers (< or >)	<100	PPM	100
		Acid Mix Reactivity	(Y) N		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	MM 7/1	Paint Filter	(P) F		
	SH 7/1	Heat Content	3200	BTU/LB	200
		Specific Gravity	—	G/ML	
		Ash	30	PERCENT	5
		Settable Solids	—	PERCENT	10
		Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
	SH 7/1	Water Content	47	PERCENT	1
		Fluoride	0.1	PERCENT	0.1
		Chloride	<0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.7	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	DKT 7/1	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	<	PPM	5	0	5	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	152	PPM	50	0	50	D005
		Cd - Cadmium	<	PPM	1	0	1	D006
		Cr - Chromium	<	PPM	5	0	5	D007
		Pb - Lead	18	PPM	5	0	5	D008
		Hg - Mercury	<	PPM	0.2	0	0.2	D009
		Ni - Nickel	<	PPM	50	0	50	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	6646	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	61	PPM				
		P - Phosphorus	1490	PPM	50	0	50	
		K - Potassium	130	PPM				
		Na - Sodium		PPM				
		V - Vanadium	67	PPM	50	0	50	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

DIRT *120 ppm Sulfide by distillation
Bases/Acids RSM 7/1/13

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments :

Approved By / Date / Time R. MG 7/1/13 1450

Date/Time Recv 7/1/13 - 1325

Sample Storage Bin # Disposal

L472261 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: 110284
TANK ID#:
BAY / PIT #:

Profile # 2484-100	API CENTRIFUGE SOLIDS		Wclass 000 GENERAL STORAGE
Manf # 000485599WAS	Page 1	Line 1	MSW NO
Haz Codes K048, K049, K051, F037, F038			

Internal needs RECERTED ON NEXT SHIPMENT - TEST ALUMINUM / SILICON. ANALYTICAL 99% WATER, ERIC IS VERIFYING THE SAMPLE IS REPRESENTATIVE OF THE DRUM 5/15/13. TURNED WS ON FOR ROLLOFF SHIPMENT CAN PULL NEW RE

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	AMP 7/2	Radioactivity	Y (N)		
		Color (Describe)	—		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	Solid		
	KJ 7/2	pH	—	STD. UNITS	
		Cyanide (< or >)	< *	PPM	20
		Sulfide (< or >)	> *	PPM	20
		Oxidizers (< or >)	<	PPM	100
		Acid Mix Reactivity	(Y) N		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	AMP 7/2	Paint Filter	(P) F		
	MST 7/2	Heat Content	9600	BTU/LB	200
		Specific Gravity	—	G/ML	
	KG 7/2	Ash	35	PERCENT	5
		Settable Solids	—	PERCENT	10
		Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
	MST 7/2	Water Content	61	PERCENT	1
		Fluoride	0.2	PERCENT	0.1
		Chloride	<0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.5	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	AMP 7/2	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	75	PPM	5	0	5	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	273	PPM	50	0	50	D005
		Cd - Cadmium	1.36	PPM	1	0	1	D006
		Cr - Chromium	23	PPM	5	0	5	D007
		Pb - Lead	36	PPM	5	0	5	D008
		Hg - Mercury	—	PPM	0.2	0	0.2	D009
		Ni - Nickel	60	PPM	50	0	50	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	7532	PPM				
		Ca - Calcium	—	PPM				
		Cu - Copper	—	PPM				
		Fe - Iron	—	PPM				
		Li - Lithium	—	PPM				
		Mg - Magnesium	—	PPM				
		Mn - Manganese	130	PPM				
		P - Phosphorus	5855	PPM	50	0	50	
		K - Potassium	275	PPM				
		Na - Sodium	—	PPM				
		V - Vanadium	138	PPM	50	0	50	
		Si - Silicon	—	PPM	7933			
		Zn - Zinc	—	PPM				
		PCBs		PPM	25	0	25	

2.5 = 43833
.5 = 8766

Dirt

ok

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments : *bubbled vapor

Approved By / Date / Time 7/2/13

Date/Time Recv 7/2/13 0915

Sample Storage Bin # DISP

(*) Reactive Sulfide = 100 ppm

L472376 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

(BULK) / DRUM (CIRCLE)

TRUCK ID#: 110306

TANK ID#:

BAY / PIT #:

Profile # 2484-100	API CENTRIFUGE SOLIDS		Wclass 000 GENERAL STORAGE
Manf # 000485600WAS	Page 1	Line 1	MSW NO
Haz Codes K048, K049, K051, F037, F038			

Internal needs RECERTED ON NEXT SHIPMENT - TEST ALUMINUM / SILICON. ANALYTICAL 99% WATER, ERIC IS VERIFYING THE SAMPLE IS REPRESENTATIVE OF THE DRUM 5/15/13. TURNED WS ON FOR ROLLOFF SHIPMENT CAN PULL NEW RE

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	KG 7/3	Radioactivity	Y (N)		
		Color (Describe)	brown		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	solid		
	AMP 7/3	pH	—	STD. UNITS	
		Cyanide (< or >)	<	PPM	20
		Sulfide (< or >)	> (*)	PPM	20
		Oxidizers (< or >)	<	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	KG 7/3	Paint Filter	(P) F		
	MG 7/3	Heat Content	11600	BTU/LB	200
		Specific Gravity		G/ML	
	AMP 7/3	Ash	15	PERCENT	5
		Settable Solids		PERCENT	10
		Flashpoint		DEGREES F	73
		Viscosity		CENTIPOISE	24
	MG 7/3	Water Content	24	PERCENT	1
		Fluoride	<0.1	PERCENT	0.1
		Chloride	<0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.2	PERCENT	0.1
		Iodide <0.1	~~0.1~~	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	DK 7/3	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	<	PPM	5	0	5	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	63	PPM	50	0	50	D005
		Cd - Cadmium	<	PPM	1	0	1	D006
		Cr - Chromium	<	PPM	5	0	5	D007
		Pb - Lead	<	PPM	5	0	5	D008
		Hg - Mercury	NA	PPM	0.2	0	0.2	D009
		Ni - Nickel	<	PPM	50	0	50	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	4311	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	<	PPM				
		P - Phosphorus	1532	PPM	50	0	50	
		K - Potassium	199	PPM				
		Na - Sodium		PPM				
		V - Vanadium	<	PPM	50	0	50	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments : dirt

(*) Reactive Sulfide = 100 ppm

Approved By / Date / Time 7/3/13

Date/Time Recv 1300

Sample Storage Bin # disp.

L472958 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: 110407
TANK ID#:
BAY / PIT #:

Profile # 2484-100	API CENTRIFUGE SOLIDS		Wclass 000 GENERAL STORAGE
Manf # 000485613WAS	Page 1	Line 1	MSW NO
Haz Codes K048, K049, K051, F037, F038			

Internal needs RECERTED ON NEXT SHIPMENT - TEST ALUMINUM / SILICON. ERIC IS VERIFYING THE SAMPLE IS REPRESENTATIVE OF THE DRUM 5/15/13. TURNED WS ON FOR ROLLOFF SHIPMENTPULL NEW RECERT SAMPLE FROM THE ROLLOFF

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	JA 7/11	Radioactivity	Y (N)		
		Color (Describe)	—		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)			
		Physical State (Describe)	Solid		
		pH	—	STD. UNITS	
		Cyanide (< or >)	<	PPM	20
		Sulfide (< or >)	> *	PPM	20
		Oxidizers (< or >)	<	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	JA 7/11	Paint Filter	P (F)		
	SH 7/11	Heat Content	2500	BTU/LB	200
	JA 7/11	Specific Gravity	—	G/ML	
		Ash	42	PERCENT	5
		Settable Solids	—	PERCENT	10
		Flashpoint	N/A	DEGREES F	73
		Viscosity	N/A	CENTIPOISE	24
	SA 7/11	Water Content	41	PERCENT	1
		Fluoride	<	PERCENT	0.1
		Chloride	<	PERCENT	0.1
		Bromide	<	PERCENT	0.1
		Sulfur	0.4	PERCENT	0.1
		Iodide	<	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	FW 7/11	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	<	PPM	5	0	5	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	106	PPM	50	0	548	D005
		Cd - Cadmium	<	PPM	1	0	1	D006
		Cr - Chromium	<	PPM	5	0	5	D007
		Pb - Lead	14	PPM	5	0	31	D008
		Hg - Mercury	—	PPM	0.2	0	1.6	D009
		Ni - Nickel	<	PPM	50	0	92	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	5656	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	<	PPM				
		P - Phosphorus	849	PPM	50	0	8536	
		K - Potassium	112	PPM				
		Na - Sodium		PPM				
		V - Vanadium	58	PPM	50	0	50	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

*sulfide <20 ppm Sulfide by distillation

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments :

Approved By / Date / Time Rachel Mc 7/11/13 1316

Date/Time Recv 7/11/13

Sample Storage Bin # DSP

L473077 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: 110425
TANK ID#:
BAY / PIT #:

Profile # 2484-100	API CENTRIFUGE SOLIDS		Wclass 000 GENERAL STORAGE
Manf # 000485623WAS	Page 1	Line 1	MSW NO
Haz Codes K048, K049, K051, F037, F038			

Internal needs RECERTED ON NEXT SHIPMENT - TEST ALUMINUM / SILICON. ERIC IS VERIFYING THE SAMPLE IS REPRESENTATIVE OF THE DRUM 5/15/13. TURNED WS ON FOR ROLLOFF SHIPMENTPULL NEW RECERT SAMPLE FROM THE ROLLOFF X DA

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	SH 7/12	Radioactivity	Y (N)		
		Color (Describe)	—		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	Solid		
		pH		STD. UNITS	
	JA 7/12	Cyanide (< or >)	<	PPM	20
		Sulfide (< or >)	> X	PPM	20
		Oxidizers (< or >)	<	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	SH 7/12	Paint Filter	(P) F		
	GP 7/12	Heat Content	3000	BTU/LB	200
		Specific Gravity		G/ML	
		Ash	36	PERCENT	5
		Settable Solids		PERCENT	10
	PP 7/12	Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
		Water Content	25	PERCENT	1
		Fluoride	<0.1	PERCENT	0.1
		Chloride	<0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.5	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	EW 7/12	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	57	PPM	5	0	5	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	148	PPM	50	0	548	D005
		Cd - Cadmium	<	PPM	1	0	1	D006
		Cr - Chromium	<	PPM	5	0	5	D007
		Pb - Lead 22	~~[illegible]~~	PPM	5	0	31	D008
		Hg - Mercury	—	PPM	0.2	0	1.6	D009
		Ni - Nickel	<	PPM	50	0	92	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
X		Al - Aluminum	1134	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	67	PPM				
		P - Phosphorus	1579	PPM	50	0	8536	
		K - Potassium	166	PPM				
		Na - Sodium		PPM				
		V - Vanadium	88	PPM	50	0	50	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

Dirt * 100ppm Sulfide by distillation

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments :

Approved By / Date / Time

Date/Time Recv 1100

Sample Storage Bin # Disp

L472132 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: T110262
TANK ID#:
BAY / PIT #: 2

Profile # 92743-11	REFINERY F/K/D HAZARDOUS WASTES		Wclass 000 GENERAL STORAGE
Manf # 000430103WAS	Page 1	Line 1	MSW 2A-DEBRIS
Haz Codes K048, K049, K050, K051, K169, K170, K171, F037, F038, D006, D007, D008, D018, D023, D024, D025			

Internal recert : 5/4/11

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	MM 7/1	Radioactivity	Y (N)		
		Color (Describe)	—		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	Solid		
		pH	—	STD. UNITS	
		Cyanide (< or >)	<20	PPM	20
		Sulfide (< or >)	<20	PPM	20
		Oxidizers (< or >)	<100	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	MM 7/1	Paint Filter	(P) F		
	KG 7/1	Heat Content	3300	BTU/LB	200
		Specific Gravity	—	G/ML	
	MM 7/1	Ash	64	PERCENT	5
		Settable Solids	—	PERCENT	10
	KG 7/1	Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
		Water Content	14	PERCENT	1
		Fluoride	0.1	PERCENT	0.1
		Chloride	3.7	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.1	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	DK 7/1	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	<	PPM	5	0	35	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	<	PPM	50	0	50	D005
		Cd - Cadmium	<	PPM	1	20	20	D006
		Cr - Chromium	7	PPM	5	20	20	D007
		Pb - Lead	37	PPM	5	18	18	D008
		Hg - Mercury	—	PPM	0.2	0	0.2	D009
		Ni - Nickel	<	PPM	50	0	132	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	1546	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	<	PPM				
		P - Phosphorus	1178	PPM	50	0	50	
		K - Potassium	533	PPM				
		Na - Sodium		PPM				
		V - Vanadium	<	PPM	50	0	50	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

Pigmenting, Air Filters, Sand

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments :

Approved By / Date / Time Daniel Hale 7/1/13 1035

Date/Time Recv 7/1/13 - 0900

Sample Storage Bin # Drop

L472367 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)

TRUCK ID#: 110295

TANK ID#:

BAY / PIT #: JP

Profile # 92743-11	REFINERY F/K/D HAZARDOUS WASTES		Wclass 000 GENERAL STORAGE
Manf # 000430102WAS	Page 1	Line 1	MSW 2A-DEBRIS

Haz Codes K048, K049, K050, K051, K169, K170, K171, F037, F038, D006, D007, D008, D018, D023, D024, D025

Internal recert : 5/4/11

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	KG 7/3	Radioactivity	Y (N)		
		Color (Describe)	brown		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	solid		
	AMP 7/3	pH	—	STD. UNITS	
		Cyanide (< or >)	<	PPM	20
		Sulfide (< or >)	<	PPM	20
		Oxidizers (< or >)	<	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
✓	KG 7/3	Paint Filter	(P) F		
		Heat Content		BTU/LB	200
		Specific Gravity		G/ML	
✓	AMP 7/3	Ash	97	PERCENT	5
		Settable Solids		PERCENT	10
		Flashpoint		DEGREES F	73
		Viscosity		CENTIPOISE	24
		Water Content		PERCENT	1
		Fluoride		PERCENT	0.1
		Chloride		PERCENT	0.1
		Bromide		PERCENT	0.1
		Sulfur		PERCENT	0.1
		Iodide		PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	DK 7/3	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	<	PPM	5	0	35	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	<	PPM	50	0	50	D005
		Cd - Cadmium	<	PPM	1	20	20	D006
		Cr - Chromium	<	PPM	5	20	20	D007
		Pb - Lead	18	PPM	5	18	18	D008
		Hg - Mercury	<	PPM	0.2	0	0.2	D009
		Ni - Nickel	<	PPM	50	0	132	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	1234	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	<	PPM				
		P - Phosphorus	117	PPM	50	0	50	
		K - Potassium	843	PPM				
		Na - Sodium		PPM				
		V - Vanadium	<	PPM	50	0	50	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments : dirt, rocks

Approved By / Date / Time 7/3/13

Date/Time Recv 0645

Sample Storage Bin # disp.

L472700 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: 110359
TANK ID#:
BAY / PIT # 2

Profile # 92743-11 REFINERY F/K/D HAZARDOUS WASTES | Wclass 000 GENERAL STORAGE

Manf # 000430104WAS | Page 1 | Line 1 | MSW 2A-DEBRIS

Haz Codes K048, K049, K050, K051, K169, K170, K171, F037, F038, D006, D007, D008, D018, D023, D024, D025

Internal recert : 5/4/11

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	JO 7/9	Radioactivity	Y (N)		
		Color (Describe)	Black		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	Solid		
		pH	—	STD. UNITS	
		Cyanide (< or >)	<	PPM	20
		Sulfide (< or >)	7	PPM	20 *
		Oxidizers (< or >)	<	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
		Paint Filter	(P) F		
	MG	Heat Content	5200	BTU/LB	200
		Specific Gravity		G/ML	
		Ash	71	PERCENT	5
		Settable Solids		PERCENT	10
		Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
	MG 7/8	Water Content	8	PERCENT	1
		Fluoride	0.1	PERCENT	0.1
		Chloride	0.2	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.1	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	GM 9	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	<	PPM	5	0	35	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	<	PPM	50	0	50	D005
		Cd - Cadmium	<	PPM	1	20	20	D006
		Cr - Chromium	<	PPM	5	20	20	D007
		Pb - Lead	65	PPM	5	18	18	D008
		Hg - Mercury	—	PPM	0.2	0	0.2	D009
		Ni - Nickel	70	PPM	50	0	132	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	1993	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	1235	PPM				
		P - Phosphorus	<	PPM	50	0	50	
		K - Potassium	258	PPM				
		Na - Sodium		PPM				
		V - Vanadium	107	PPM	50	0	50	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments : * = 100 ppm Sulfide by distillation

Approved By / Date / Time [illegible] 7/9/13

Date/Time Recv 7/9/13 0700

Sample Storage Bin # DISP

L472801 **ANALYTICAL LABORATORY 'FINGERPRINT' REPORT**

BULK / DRUM (CIRCLE)
TRUCK ID#: 110381
TANK ID#:
BAY / PIT #: 2

Profile # 92743-11	REFINERY F/K/D HAZARDOUS WASTES		Wclass 000 GENERAL STORAGE
Manf # 000430101WAS	Page 1	Line 1	MSW 2A-DEBRIS

Haz Codes K048, K049, K050, K051, K169, K170, K171, F037, F038, D006, D007, D008, D018, D023, D024, D025

Internal recert : 5/4/11

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	SH 7/10	Radioactivity	Y (N)		
		Color (Describe)	—		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	Solid		
	JA 7/10	pH	—	STD. UNITS	
		Cyanide (< or >)	<	PPM	20
		Sulfide (< or >)	<	PPM	20
		Oxidizers (< or >)	<	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	SH 7/10	Paint Filter	(P) F		
		Heat Content		BTU/LB	200
		Specific Gravity		G/ML	
X	JA 7/10	Ash	78	PERCENT	5
		Settable Solids		PERCENT	10
		Flashpoint		DEGREES F	73
		Viscosity		CENTIPOISE	24
		Water Content		PERCENT	1
		Fluoride		PERCENT	0.1
		Chloride		PERCENT	0.1
		Bromide		PERCENT	0.1
		Sulfur		PERCENT	0.1
		Iodide		PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
		Sb - Antimony		PPM	50	0	50	
		As - Arsenic		PPM	5	0	35	D004
		Be - Beryllium		PPM	5	0	5	
		Ba - Barium		PPM	50	0	50	D005
		Cd - Cadmium		PPM	1	20	20	D006
		Cr - Chromium		PPM	5	20	20	D007
		Pb - Lead		PPM	5	18	18	D008
		Hg - Mercury		PPM	0.2	0	0.2	D009
		Ni - Nickel		PPM	50	0	132	
		Se - Selenium		PPM	1	0	1	D010
		Ag - Silver		PPM	5	0	5	D011
		Tl - Thallium		PPM	10	0	10	
		Al - Aluminum		PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese		PPM				
		P - Phosphorus		PPM	50	0	50	
		K - Potassium		PPM				
		Na - Sodium		PPM				
		V - Vanadium		PPM	50	0	50	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments : rags, gloves, trash

Approved By / Date / Time Jm 7/10/13

Date/Time Recv 7/10 0745

Sample Storage Bin # DISP

FLIP

L472101 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: T110258
TANK ID#:
BAY / PIT #: FLIP

Profile # 92743-26	CLARIFIED SLURRY OIL TANK SEDIMENT		Wclass 920 THIRD-PARTY
Manf # 000430109WAS	Page 1	Line 1	MSW ~~NO~~ YES
Haz Codes K170, D008, D018			

Internal GOING TO ROSS.

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	MM 7/1	Radioactivity	Y N		
		Color (Describe)	—		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	Solid		
		pH	—	STD. UNITS	
		Cyanide (< or >)	<20	PPM	20
		Sulfide (< or >)	<20	PPM	20
		Oxidizers (< or >)	<100	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	MM 7/1	Paint Filter	(P) F		
	MS 7/1	Heat Content	7100	BTU/LB	200
		Specific Gravity	—	G/ML	
	MM 7/1	Ash	49	PERCENT	5
		Settable Solids	—	PERCENT	10
		Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
	MS 7/1	Water Content	13	PERCENT	1
	MS Tetra	Fluoride	<0.1	PERCENT	0.1
		Chloride	MS 0.1 ~~<0.1~~	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	~~<0.1~~ 0.5	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	DK 7/1	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	28	PPM	5	0	207	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	<	PPM	50	0	50	D005
		Cd - Cadmium	<	PPM	1	0	1	D006
		Cr - Chromium	<	PPM	5	0	32	D007
		Pb - Lead	<	PPM	5	0	28	D008
		Hg - Mercury	<	PPM	0.2	0	0.2	D009
		Ni - Nickel	<	PPM	50	0	52	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	~~57~~ 62	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	<	PPM				
		P - Phosphorus	~~57~~ 57	PPM	50	0	916	
		K - Potassium	693	PPM	743			
		Na - Sodium		PPM				
		V - Vanadium	<	PPM	50	0	242	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

BAGS, PLASTIC, GLOVES

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments :

Approved By / Date / Time Daniel Kale 7/1/13 0950

Date/Time Recv 7/1/13 - 0720

Sample Storage Bin # DSP

L473233 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: 110436
TANK ID#:
BAY / PIT #: 3rd PARTY

Profile # 92743-26	CLARIFIED SLURRY OIL TANK SEDIMENT		Wclass 920 THIRD-PARTY
Manf # 000430110WAS	Page 1	Line 1	MSW NO
Haz Codes K170, D008, D018			

Internal GOING TO ROSS.

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	MM 7/15	Radioactivity	Y (N)		
		Color (Describe)	Brown		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	Solid		
		pH	—	STD. UNITS	
		Cyanide (< or >)	<20	PPM	20
		Sulfide (< or >)	<20	PPM	20
		Oxidizers (< or >)	<100	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	DMT 7/15	Paint Filter	(P) F		
	KG 7/15	Heat Content	2500	BTU/LB	200
	MM 7/15	Specific Gravity	—	G/ML	
		Ash		PERCENT	5
	MM 7/15	Settable Solids	—	PERCENT	10
	KG 7/15	Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
		Water Content	18	PERCENT	1
		Fluoride	<0.1	PERCENT	0.1
		Chloride	<0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.3	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	MMP 7/15	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	<	PPM	5	0	207	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	<	PPM	50	0	50	D005
		Cd - Cadmium	<	PPM	1	0	1	D006
		Cr - Chromium	10.4	PPM	5	0	32	D007
		Pb - Lead	18	PPM	5	0	28	D008
		Hg - Mercury	<	PPM	0.2	0	0.2	D009
		Ni - Nickel	<	PPM	50	0	52	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	2503	PPM				
		Ca - Calcium	—	PPM				
		Cu - Copper	—	PPM				
		Fe - Iron	—	PPM				
		Li - Lithium	—	PPM				
		Mg - Magnesium	—	PPM				
		Mn - Manganese	58	PPM				
		P - Phosphorus	289	PPM	50	0	916	
		K - Potassium	1410	PPM				
		Na - Sodium	—	PPM				
		V - Vanadium	<	PPM	50	0	242	
		Si - Silicon	—	PPM				
		Zn - Zinc	—	PPM				
		PCBs		PPM	25	0	25	

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments : DIRT, GLOVES

Approved By / Date / Time 7/15/10

Date/Time Recv 0925

Sample Storage Bin # Dirt

L473287 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)

TRUCK ID#: T/10449

TANK ID#: [redacted] 3RD PARTY

BAY / PIT #: [redacted]

Profile # 92743-26	CLARIFIED SLURRY OIL TANK SEDIMENT		Wclass 920 THIRD-PARTY
Manf # 000430112WAS	Page 1	Line 1	MSW NO
Haz Codes K170, D008, D018			

Internal GOING TO ROSS.

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	AM 7/17	Radioactivity	Y (N)		
		Color (Describe)	Brown		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
	AM 7/17	Physical State (Describe)	Solid		
		pH	—	STD. UNITS	
	KB 7/17	Cyanide (< or >)	<20	PPM	20
		Sulfide (< or >)	<20	PPM	20
		Oxidizers (< or >)	<100	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	KB 7/17	Paint Filter	(P) F		
	KB 7/17	Heat Content	1100	BTU/LB	200
		Specific Gravity	—	G/ML	
	KB 7/17	Ash	85	PERCENT	5
		Settable Solids	—	PERCENT	10
	KB 7/17	Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
		Water Content	16	PERCENT	1
		Fluoride	<0.1	PERCENT	0.1
		Chloride	<0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	<0.1	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	AM 7/17	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	80	PPM	5	0	207	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	<	PPM	50	0	50	D005
		Cd - Cadmium	<	PPM	1	0	1	D006
		Cr - Chromium	<	PPM	5	0	32	D007
		Pb - Lead	28	PPM	5	0	28	D008
		Hg - Mercury	<	PPM	0.2	0	0.2	D009
		Ni - Nickel	<	PPM	50	0	52	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	—	PPM				
		Ca - Calcium	—	PPM				
		Cu - Copper	—	PPM				
		Fe - Iron	—	PPM				
		Li - Lithium	—	PPM				
		Mg - Magnesium	—	PPM				
		Mn - Manganese	<	PPM	50			
		P - Phosphorus	182	PPM	50	0	916	
		K - Potassium	220	PPM				
		Na - Sodium	—	PPM				
		V - Vanadium	100	PPM	50	0	242	
		Si - Silicon	—	PPM				
		Zn - Zinc	—	PPM				
		PCBs		PPM	25	0	25	

Dirt / SAND NO Al TESTING Per S. LOGAN

# of Layers : _____

Comments : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Approved By / Date / Time 7/17/13

Results for Layer# _____ of _____

Date/Time Recv 7/17/13 - 1100

Sample Storage Bin # Dispose

L473393 **ANALYTICAL LABORATORY 'FINGERPRINT' REPORT**

BULK / DRUM (CIRCLE)
TRUCK ID#: T/10458
TANK ID#:
BAY / PIT #: FLIP

Profile # 92743-26	CLARIFIED SLURRY OIL TANK SEDIMENT		Wclass 920 THIRD-PARTY
Manf # 000430113WAS	Page 1	Line 1	MSW NO
Haz Codes K170, D008, D018			

Internal GOING TO ROSS.

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	DM 7/19	Radioactivity	Y (N)		
		Color (Describe)	Black		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
	DM 7/19	Physical State (Describe)	solid		
	DK 7/19	pH	—	STD. UNITS	
		Cyanide (< or >)	<20	PPM	20
		Sulfide (< or >)	<20	PPM	20
		Oxidizers (< or >)	<100	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
	DK 7/19	Water Mix Reactivity	Y (N)		
	DM 7/19	Paint Filter	(P) F		
	KG 7/19	Heat Content	4700	BTU/LB	200
		Specific Gravity	—	G/ML	
	DK 7/19	Ash	96	PERCENT	5
		Settable Solids	—	PERCENT	10
	KG 7/19	Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
		Water Content	8	PERCENT	1
		Fluoride	<0.1	PERCENT	0.1
		Chloride	<0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.7	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	AMP 7/19	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic		PPM	5	0	207	D004
		Be - Beryllium		PPM	5	0	5	
		Ba - Barium		PPM	50	0	50	D005
		Cd - Cadmium		PPM	1	0	1	D006
		Cr - Chromium	<	PPM	5	0	32	D007
		Pb - Lead	21	PPM	5	0	28	D008
		Hg - Mercury	<	PPM	0.2	0	0.2	D009
		Ni - Nickel		PPM	50	0	52	
		Se - Selenium		PPM	1	0	1	D010
		Ag - Silver		PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	31036	PPM				
		Ca - Calcium	—	PPM				
		Cu - Copper	—	PPM				
		Fe - Iron	—	PPM				
		Li - Lithium	—	PPM				
		Mg - Magnesium	—	PPM				
		Mn - Manganese	72	PPM				
		P - Phosphorus	274	PPM	50	0	916	
		K - Potassium	1294	PPM				
		Na - Sodium	—	PPM				
		V - Vanadium	<	PPM	50	0	242	
		Si - Silicon	—	PPM				
		Zn - Zinc	—	PPM				
		PCBs		PPM	25	0	25	

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments : CLAY-LIKE CHUNKS

Approved By / Date / Time Daniel Kelo 7/19/13 0803

Date/Time Recv 7/19/13 - 0650

Sample Storage Bin # DISPOSE

L473427 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: 110444
TANK ID#:
BAY / PIT #:

Profile # 92743-26	CLARIFIED SLURRY OIL TANK SEDIMENT		Wclass 920 THIRD-PARTY
Manf # 000430114WAS	Page 1	Line 1	MSW NO
Haz Codes K170, D008, D018			

Internal GOING TO ROSS.

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	JA 7/22	Radioactivity	Y (N)		
		Color (Describe)	—		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	solid		
		pH	—	STD. UNITS	
		Cyanide (< or >)	<	PPM	20
		Sulfide (< or >)	<	PPM	20
		Oxidizers (< or >)	<	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	JA 7/22	Paint Filter	(P) F		
	JA 7/22	Heat Content	3800	BTU/LB	200
	JA 7/23	Specific Gravity	—	G/ML	
		Ash	85	PERCENT	5
		Settable Solids	—	PERCENT	10
	JA 7/22	Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
		Water Content	16	PERCENT	1
		Fluoride	<0.1	PERCENT	0.1
		Chloride	<0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.5	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	MCB 7/22	Sb - Antimony	MCB <	PPM	50	0	50	
		As - Arsenic	24	PPM	5	0	207	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	<	PPM	50	0	50	D005
		Cd - Cadmium	<	PPM	1	0	1	D006
		Cr - Chromium	<	PPM	5	0	32	D007
		Pb - Lead	<	PPM	5	0	28	D008
		Hg - Mercury	—	PPM	0.2	0	0.2	D009
		Ni - Nickel	<	PPM	50	0	52	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	2588	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	2	PPM	50			
		P - Phosphorus	65	PPM	50	0	916	
		K - Potassium	97	PPM	50			
		Na - Sodium		PPM				
		V - Vanadium	<	PPM	50	0	242	
		Si - Silicon		PPM				
	MCB 7/22	Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments :

Approved By / Date / Time [signature] 7/22/13 11:20

Date/Time Recv 7/22 10:00

Sample Storage Bin # P15P

L472373 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: 110305
TANK ID#:
BAY / PIT #:

Profile # 119062-33 OILY BELT PRESS CAKE (2.2 PRESS) | Wclass 000 GENERAL STORAGE
Manf # 000378225WAS | Page 1 | Line 1 | MSW NO
Haz Codes K048, K049, K050, F037, F038

Internal RECERTED: 1/9/13

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	KG 7/3	Radioactivity	Y (N)		
		Color (Describe)	brown		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	solid		
	AMP 7/3	pH	—	STD. UNITS	
		Cyanide (< or >)	<*	PPM	20
		Sulfide (< or >)	>* (*)	PPM	20
		Oxidizers (< or >)		PPM	100
		Acid Mix Reactivity	(Y)* N		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	KG 7/3	Paint Filter	(P) F		
	KG 7/3	Heat Content	5900	BTU/LB	200
		Specific Gravity		G/ML	
	AMP 7/3	Ash	26	PERCENT	5
		Settable Solids		PERCENT	10
	KG 7/3	Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
		Water Content	48	PERCENT	1
		Fluoride	0.1	PERCENT	0.1
		Chloride	<0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	1.1	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	DK 7/3	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	<	PPM	5	0	5	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	256	PPM	50	0	92	D005
		Cd - Cadmium	<	PPM	1	0	1	D006
		Cr - Chromium	46	PPM	5	0	58	D007
		Pb - Lead	33	PPM	5	0	17	D008
		Hg - Mercury	<	PPM	0.2	0	0.2	D009
		Ni - Nickel	84	PPM	50	0	50	
		Se - Selenium	<	PPM	1	0	27	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	3163	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	105	PPM				
		P - Phosphorus	615	PPM	50	0	988	
		K - Potassium	307	PPM				
		Na - Sodium		PPM				
		V - Vanadium	93	PPM	50	0	50	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1:_____ ( ) %Layer #2:_____ ( )

Results for Layer# _____ of _____

Comments : dirt *bubbled
(*) Reactive Sulfide = 100 ppm

Approved By / Date / Time 7/3/13

Date/Time Recv 1120

Sample Storage Bin # disp.

L472113 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: T110260
TANK ID#:
BAY / PIT #:

Profile # 124096-3	SEWER PRIMARY SOLIDS		Wclass 000 GENERAL STORAGE
Manf # 000521246WAS	Page 1	Line 1	MSW NO
Haz Codes K050, F037, F038, D004, D009, D010			

Internal F037 COVERS D007 AND D008 / CHECK ALUMINUM AND SILICONE

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	MM 7/1	Radioactivity	Y (N)		
		Color (Describe)	BLACK		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	Solid		
		pH	—	STD. UNITS	
		Cyanide (< or >)	<2.5	PPM	20
		Sulfide (< or >)	>25	PPM	20
		Oxidizers (< or >)	<100	PPM	100
		Acid Mix Reactivity	(N) N		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	MM 7/1	Paint Filter	(P) F		
	FB 7/1	Heat Content	1800	BTU/LB	200
		Specific Gravity	—	G/ML	
	MM 7/1	Ash	56	PERCENT	5
		Settable Solids	—	PERCENT	10
	FB 7/1	Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
		Water Content	27	PERCENT	1
		Fluoride	<0.1	PERCENT	0.1
		Chloride	0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.7	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	BK 7/1	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	35	PPM	5	0	5	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	249	PPM	50	0	50	D005
		Cd - Cadmium	5	PPM	1	0	1	D006
		Cr - Chromium	67	PPM	5	0	96	D007
		Pb - Lead	192	PPM	5	0	1	D008
		Hg - Mercury	8.2	PPM	0.2	0	359	D009
		Ni - Nickel	66	PPM	50	0	50	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	4219	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	599	PPM				
		P - Phosphorus	411	PPM	50	0	672	
		K - Potassium	943	PPM				
		Na - Sodium		PPM				
		V - Vanadium	112	PPM	50	0	426	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

MMO 140 ppm Sulfide by distillation

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments : [redacted] w/ A 403 F037 covers D008

Approved By / Date / Time Daniel Lale 1018 7/01/13

Date/Time Recv 7/1/13 - 0755

Sample Storage Bin # DSP

L472329 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: 110292
TANK ID#:
BAY / PIT #:

Profile # 124096-3 SEWER PRIMARY SOLIDS | Wclass 000 GENERAL STORAGE
Manf # 000521247WAS | Page 1 | Line 1 | MSW NO
Haz Codes K050, F037, F038, D004, D009, D010

Internal F037 COVERS D007 AND D008 / CHECK ALUMINUM AND SILICONE

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	JA 7/2	Radioactivity	Y (N)		
		Color (Describe)	—		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	Solid		
		pH	—	STD. UNITS	
		Cyanide (< or >)	<	PPM	20
		Sulfide (< or >)	7 *	PPM	20
		Oxidizers (< or >)	<	PPM	100
		Acid Mix Reactivity	Y (N)		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	JA 7/2	Paint Filter	(P) F		
	SH 7/2	Heat Content	9200	BTU/LB	200
	JA 7/2	Specific Gravity	—	G/ML	
		Ash	68	PERCENT	5
		Settable Solids	—	PERCENT	10
	SH 7/2	Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
		Water Content	29	PERCENT	1
		Fluoride	0.1	PERCENT	0.1
		Chloride	<0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.3	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P P		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
		Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	3.5	PPM	5	0	5	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	<	PPM	50	0	50	D005
		Cd - Cadmium	<	PPM	1	0	1	D006
		Cr - Chromium	<	PPM	5	0	96	D007
		Pb - Lead	26	PPM	5	0	1	D008
		Hg - Mercury	1.8	PPM	0.2	0	359	D009
		Ni - Nickel	<	PPM	50	0	50	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	3365	PPM				
		Ca - Calcium		PPM				
		Cu - Copper		PPM				
		Fe - Iron		PPM				
		Li - Lithium		PPM				
		Mg - Magnesium		PPM				
		Mn - Manganese	<	PPM				
		P - Phosphorus	115	PPM	50	0	672	
		K - Potassium	88	PPM				
		Na - Sodium		PPM				
		V - Vanadium	<	PPM	50	0	426	
		Si - Silicon		PPM				
		Zn - Zinc		PPM				
		PCBs		PPM	25	0	25	

*sulfide <20 ppm Sulfide by distillation

# of Layers :
Analyze as Separate Layers? YES / NO (circle)
%Layer #1: ( ) %Layer #2: ( )
Results for Layer# of

Comments :

Approved By / Date / Time Pacheco 7/2 7/2 13

Date/Time Recv 7/2 1810

Sample Storage Bin # Disp

L472690 ANALYTICAL LABORATORY 'FINGERPRINT' REPORT

BULK / DRUM (CIRCLE)
TRUCK ID#: T 1103 JJ
TANK ID#:
BAY / PIT #:

Profile # 124096-3 SEWER PRIMARY SOLIDS | Wclass 000 GENERAL STORAGE
Manf # 000521248WAS | Page 1 | Line 1 | MSW NO
Haz Codes K050, F037, F038, D004, D009, D010

Internal F037 COVERS D007 AND D008 / CHECK ALUMINUM AND SILICONE

Do	Analyst/Dt	Test / Parameter	Result	Units	Limit
	AMP 7/8	Radioactivity	Y (N)		
		Color (Describe)	Brown		
		Layering (1,2,3,etc.)	—		
		Turbidity (Describe)	—		
		Physical State (Describe)	Solid		
		pH	—	STD. UNITS	
		Cyanide (< or >)	<20	PPM	20
		Sulfide (< or >)	>20	(PPM)	20
		Oxidizers (< or >)	<100	PPM	100
		Acid Mix Reactivity	(Y) N		
		Alkali Mix Reactivity	Y (N)		
		Water Mix Reactivity	Y (N)		
	AMP 7/8	Paint Filter	(P) F		
	KB 7/8	Heat Content	<1000	BTU/LB	200
		Specific Gravity	—	G/ML	
		Ash		PERCENT	5
		Settable Solids	—	PERCENT	10
		Flashpoint	—	DEGREES F	73
		Viscosity	—	CENTIPOISE	24
	KB 7/8	Water Content	59	PERCENT	1
		Fluoride	<0.1	PERCENT	0.1
		Chloride	<0.1	PERCENT	0.1
		Bromide	<0.1	PERCENT	0.1
		Sulfur	0.2	PERCENT	0.1
		Iodide	<0.1	PERCENT	0.1
		Waste Mix reactivity	P F		
		DSC Reactivity	P F		

Do	Analyst/Dt	METALS	Result	Units	Limit	CR Low	CR Upp	Code
	AMP 7/8	Sb - Antimony	<	PPM	50	0	50	
		As - Arsenic	<	PPM	5	0	5	D004
		Be - Beryllium	<	PPM	5	0	5	
		Ba - Barium	<	PPM	50	0	50	D005
		Cd - Cadmium	<	PPM	1	0	1	D006
		Cr - Chromium	43	PPM	5	0	96	D007
		Pb - Lead	24	PPM	5	0	1	D008
		Hg - Mercury	<	PPM	0.2	0	359	D009
		Ni - Nickel	<	PPM	50	0	50	
		Se - Selenium	<	PPM	1	0	1	D010
		Ag - Silver	<	PPM	5	0	5	D011
		Tl - Thallium	<	PPM	10	0	10	
		Al - Aluminum	5935	PPM				
		Ca - Calcium	—	PPM				
		Cu - Copper	—	PPM				
		Fe - Iron	—	PPM				
		Li - Lithium	—	PPM				
		Mg - Magnesium	—	PPM				
		Mn - Manganese	385	PPM				
		P - Phosphorus	137	PPM	50	0	672	
		K - Potassium	1726	PPM				
		Na - Sodium	—	PPM				
		V - Vanadium	<	PPM	50	0	426	
		Si - Silicon	—	PPM				
		Zn - Zinc	—	PPM				
		PCBs		PPM	25	0	25	

# of Layers : _____

Analyze as Separate Layers? YES / NO (circle)

%Layer #1: _____ ( ) %Layer #2: _____ ( )

Results for Layer# _____ of _____

Comments : DIRT/MUD
*BUBBLING/ACIDS

Approved By / Date / Time 7/8/13

Date/Time Recv 7/8/13-1555

Sample Storage Bin # D3P

Reactive Sulfide = <20 ppm