



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
SUPERFUND DIVISION
Louisiana/Oklahoma Section (6SF-LP)
1445 Ross Avenue
Dallas, Texas 75202-2733

June 5, 2008

Leslie Smith, P.E., Manager
Industrial Permits Section
Water Quality Division
Oklahoma Department of Environmental Quality
707 North Robinson, PO Box 1677
Oklahoma City, OK 73101-1677

RE: Imperial Refining Company Superfund Site Surface Water Discharge for May 2008

Dear Ms. Smith:

The U.S. Environmental Protection Agency is sending the attached Discharge Monitoring Report in accordance with the specifications identified by the Water Quality Division for Outfall 001 at the Imperial Refining Superfund Site. Surface water discharge occurred on May 2, 2008, May 7 through May 9, 2008, May 28 through May 29, 2008, and May 31, 2008. Samples were collected within the first hour of discharge on the first day, and daily thereafter.

Should you have any questions or concerns, please call me at 214-665-8143.

Sincerely,

A handwritten signature in black ink, appearing to read "Katrina Higgins-Coltrain".

Katrina Higgins-Coltrain
Remedial Project Manager
LA/OK/NM Section

cc: Dennis Datin, ODEQ
Paul Johnson, ODEQ

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 Name: Imperial Refining Superfund Site
 Address: Hwy 142, Ardmore, OK
 Facility Location: Ardmore, OK

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)


Form Approved.
 OMB No. 2040-0004
 Approval expires 05-31-98

(2-16)	(17-19)
OK0002024099	001
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2008	5	2		2008	5	2
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Check here if No Discharge
 Note: Read Instructions before completing this form.

Parameter (32-37)		(3 card only) QUANTITY OR LOADING		(4 Card Only) QUANTITY OR CONCENTRATION			NO. EX (62-63)	Frequency of Analysis (64-68)	Sample Type (69-70)
		(46-53) Average	(54-61) Maximum	(38-45) Minimum	(46-53) Average	(54-61) Maximum			
Chemical Oxygen Demand 00340	100				54.7	69.2		May 2, 2008	
		Sample Measurement			Monthly Report	Daily	95 mg/L (19)	01/01 Daily	Grab
pH 00400	100			6.5	7.79	9.0		May 2, 2008	
		Sample Measurement			Monthly Report	Daily	15 mg/L (19)	01/01 Daily	Grab
Oil and Grease 00552	100				3.23	1.5		May 2, 2008	
		Sample Measurement			Monthly Report	Daily	1 mg/L (19)	01/01 Daily	Grab
Ammonia Total (as N) 00610	100				0.63	0.1		May 2, 2008	
		Sample Measurement			Monthly Report	Daily	1 mg/L (19)	01/01 Daily	Grab
Arsenic (as As) 01002	Total 100				6.83	6		May 2, 2008	
		Sample Measurement			Monthly Report	Daily Report	ug/L (19)	01/01 Daily	Grab
Flow 50050	100							May 2, 2008	
		Sample Measurement	0.3	0.435			MGD (03)	01/01 Daily	Estimate
		Monthly Report	Daily Max Report						

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER				Telephone		Date				
Katrina Higgins-Coltrain, Remedial Project Manager, USEPA	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.					214	665-8143	2008	6	5
TYPED OR PRINTED				Signature of Principal Executive Officer or Authorized Agent		Area Code	Number	Year	Mo	Day

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 CERCLIS EPA ID: OK0002024099 Discharge occurred during seven days in the month of May 2008.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
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MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2008	5	7		2008	5	7
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Check here if No Discharge
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Parameter (32-37)		(3 card only)		QUANTITY OR LOADING	(4 Card Only)	QUALITY OR CONCENTRATION		NO. EX	Frequency of Analysis	Sample Type	
		(46-53)	(54-61)	Units	(38-45)	(46-53)	(54-61)		Units		(62-63)
		Average	Maximum		Minimum	Average	Maximum				
Chemical Oxygen Demand 00340	100	Sample Measurement				54.7	44.7		May 7, 2008		
		Permit Requirement	N/A	N/A		Monthly Report	Daily	95 mg/L (19)	01/01	Daily	Grab
pH 00400	100	Sample Measurement				7.41			May 7, 2008		
		Permit Requirement	N/A	N/A		6.5	9.0		01/01	Daily	Grab
Oil and Grease 00552	100	Sample Measurement				3.23	1.8		May 7, 2008		
		Permit Requirement	N/A	N/A		Monthly Report	Daily	15 mg/L (19)	01/01	Daily	Grab
Ammonia Total (as N) 00610	100	Sample Measurement				0.63	0.92		May 7, 2008		
		Permit Requirement	N/A	N/A		Monthly Report	Daily	1 mg/L (19)	01/01	Daily	Grab
Arsenic (as As) 01002	100	Sample Measurement				6.83	9.8		May 7, 2008		
		Permit Requirement	N/A	N/A		Monthly Report	Daily	ug/L (19)	01/01	Daily	Grab
Flow 50050	100	Sample Measurement	0.3	0.23					May 7, 2008		
		Permit Requirement	Monthly Report	Daily Max Report				MGD (03)	01/01	Daily	Estimate

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MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2008	5	8		2008	5	8
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Check here if No Discharge
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Parameter (32-37)		(3 card only) QUANTITY OR LOADING		(4 Card Only) QUALITY OR CONCENTRATION			NO. EX	Frequency of Analysis	Sample Type
		(46-53) Average	(54-61) Maximum	(38-45) Minimum	(46-53) Average	(54-61) Maximum			
Chemical Oxygen Demand 00340	Sample Measurement				54.7	39.5		May 8, 2008	
	100 Permit Requirement	N/A	N/A		Monthly Report	Daily	95 mg/L (19)	01/01 Daily	Grab
pH 00400	Sample Measurement				7.34			May 8, 2008	
	100 Permit Requirement	N/A	N/A	6.5		9.0		01/01 Daily	Grab
Oil and Grease 00552	Sample Measurement				3.23	6.5		May 8, 2008	
	100 Permit Requirement	N/A	N/A		Monthly Report	Daily	15 mg/L (19)	01/01 Daily	Grab
Ammonia Total (as N) 00610	Sample Measurement				0.63	0.64		May 8, 2008	
	100 Permit Requirement	N/A	N/A		Monthly Report	Daily	1 mg/L (19)	01/01 Daily	Grab
Arsenic (as As) 01002	Sample Measurement				6.83	10		May 8, 2008	
	100 Permit Requirement	N/A	N/A		Monthly Report	Daily Report	ug/L (19)	01/01 Daily	Grab
Flow 50050	Sample Measurement	0.3	0.31					May 8, 2008	
	100 Permit Requirement	Monthly Report	Daily Max Report				MGD (03)	01/01 Daily	Estimate

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Katrina Higgins-Coltrain, Remedial Project Manager, USEPA		214	665-8143	2008	6	5
TYPED OR PRINTED	Signature of Principal Executive Officer or Authorized Agent	Area Code	Number	Year	Mo	Day
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MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2008	5	9		2008	5	9
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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Parameter (32-37)		(3 card only) QUANTITY OR LOADING		(4 Card Only) QUALITY OR CONCENTRATION			NO. EX (62-63)	Frequency of Analysis (64-68)	Sample Type (69-70)
		(46-53) Average	(54-61) Maximum	(38-45) Minimum	(46-53) Average	(54-61) Maximum			
Chemical Oxygen Demand	Sample Measurement				54.7	50		May 9, 2008	
00340 100	Permit Requirement	N/A	N/A		Monthly Report	Daily 95	mg/L (19)	01/01 Daily	Grab
pH	Sample Measurement				7.39	9.0		May 9, 2008	
00400 100	Permit Requirement	N/A	N/A	6.5				01/01 Daily	Grab
Oil and Grease	Sample Measurement				3.23	3.9		May 9, 2008	
00552 100	Permit Requirement	N/A	N/A		Monthly Report	Daily 15	mg/L (19)	01/01 Daily	Grab
Ammonia Total (as N)	Sample Measurement				0.63	1.4		May 9, 2008	
00610 100	Permit Requirement	N/A	N/A		Monthly Report	Daily 1	mg/L (19)	01/01 Daily	Grab
Arsenic Total (as As)	Sample Measurement				6.83	8.8		May 9, 2008	
01002 100	Permit Requirement	N/A	N/A		Monthly Report	Daily	ug/L (19)	01/01 Daily	Grab
Flow	Sample Measurement	0.3	0.34					May 9, 2008	
50050 100	Permit Requirement	Monthly Report	Daily Max Report				MGD (03)	01/01 Daily	Estimate

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		Telephone		Date		
Katrina Higgins-Coltrain, Remedial Project Manager, USEPA <small>I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.</small>		214 665-8143		2008 6 5		
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MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2008	5	28		2008	5	28
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Check here if No Discharge
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Parameter (32-37)		(3 card only) QUANTITY OR LOADING		(4 Card Only) QUANTITY OR CONCENTRATION			NO. EX	Frequency of Analysis	Sample Type
		(46-53) Average	(54-61) Maximum	(38-45) Minimum	(46-53) Average	(54-61) Maximum			
Chemical Oxygen Demand 00340	100	Sample Measurement			54.7	33.8		May 28, 2008	
		Permit Requirement	N/A	N/A	Monthly Report	Daily 95	mg/L (19)	01/01 Daily	Grab
pH 00400	100	Sample Measurement			7.16	9.0		May 28, 2008	
		Permit Requirement	N/A	N/A	6.5			01/01 Daily	Grab
Oil and Grease 00552	100	Sample Measurement			3.23	2.7		May 28, 2008	
		Permit Requirement	N/A	N/A	Monthly Report	Daily 15	mg/L (19)	01/01 Daily	Grab
Ammonia Total (as N) 00610	100	Sample Measurement			0.63	0.23		May 28, 2008	
		Permit Requirement	N/A	N/A	Monthly Report	Daily 1	mg/L (19)	01/01 Daily	Grab
Arsenic Total (as As) 01002	100	Sample Measurement			6.83	3.9		May 28, 2008	
		Permit Requirement	N/A	N/A	Monthly Report	Daily Report	ug/L (19)	01/01 Daily	Grab
Flow 50050	100	Sample Measurement	0.3	0.696				May 28, 2008	
		Permit Requirement	Monthly Report	Daily Max Report			MGD (03)	01/01 Daily	Estimate

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Katrina Higgins-Coltrain, Remedial Project Manager, USEPA TYPED OR PRINTED			214	665-8143	2008	6
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR		Area Code	Number	Year	Mo	Day

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 CERCLIS EPA ID: OK0002024099 Discharge occurred during seven days in the month of May 2008.

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MONITORING PERIOD					
YEAR	MO	DAY	TO	YEAR	MO DAY
2008	5	29		2008	5 29
(20-21)	(22-23)	(24-25)		(26-27)	(28-29) (30-31)

Check here if No Discharge
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Parameter (32-37)		(3 card only) QUANTITY OR LOADING		Units	(4 Card Only) QUALITY OR CONCENTRATION			NO. EX (62-63)	Frequency of Analysis (64-65)	Sample Type (69-70)
		(46-53) Average	(54-61) Maximum		(38-45) Minimum	(46-53) Average	(54-61) Maximum			
Chemical Oxygen Demand	Sample Measurement				54.7	52			May 29, 2008	
00340 100	Permit Requirement	N/A	N/A		Monthly Report	Daily 95	mg/L (19)	01/01	Daily	Grab
pH	Sample Measurement				7.15				May 29, 2008	
00400 100	Permit Requirement	N/A	N/A		6.5	9.0		01/01	Daily	Grab
Oil and Grease	Sample Measurement				3.23	3.8			May 29, 2008	
00552 100	Permit Requirement	N/A	N/A		Monthly Report	Daily 15	mg/L (19)	01/01	Daily	Grab
Ammonia Total (as N)	Sample Measurement				0.63	1			May 29, 2008	
00610 100	Permit Requirement	N/A	N/A		Monthly Report	Daily 1	mg/L (19)	01/01	Daily	Grab
Arsenic (as As)	Sample Measurement				6.83	4			May 29, 2008	
01002 100	Permit Requirement	N/A	N/A		Monthly Report	Daily Report	ug/L (19)	01/01	Daily	Grab
Flow	Sample Measurement	0.3	0.036						May 29, 2008	
50050 100	Permit Requirement	Monthly Report	Daily Max Report				MGD (03)	01/01	Daily	Estimate

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Katrina Higgins-Coltrain, Remedial Project Manager, USEPA TYPED OR PRINTED			214	665-8143	2008	6
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) CERCLIS EPA ID: OK0002024099 Discharge occurred during seven days in the month of May 2008.	Signature of Principal Executive Officer or Authorized Agent	Area Code	Number	Year	Mo	Day

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(2-16) OK0002024099 PERMIT NUMBER	(17-19) 001 DISCHARGE NUMBER
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MONITORING PERIOD					
FROM	YEAR	MO	DAY	TO	YEAR MO DAY
	2008	5	31		2008 5 31
	(20-21)	(22-23)	(24-25)		(26-27) (28-29) (30-31)

Check here if No Discharge
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		(46-53) Average	(54-61) Maximum	Units	(38-45) Minimum	(46-53) Average	(54-61) Maximum			
Chemical Oxygen Demand	Sample Measurement				54.7	93.7			May 31, 2008	
00340	100	Permit Requirement	N/A	N/A						
pH	Sample Measurement				6.42				May 31, 2008	
00400	100	Permit Requirement	N/A	N/A	6.5	9.0			01/01 Daily	Grab
Oil and Grease	Sample Measurement				3.23	2.4			May 31, 2008	
00552	100	Permit Requirement	N/A	N/A						
Ammonia Total (as N)	Sample Measurement				0.63	0.1			May 31, 2008	
00610	100	Permit Requirement	N/A	N/A						
Arsenic Total (as As)	Sample Measurement				6.83	5.3			May 31, 2008	
01002	100	Permit Requirement	N/A	N/A					01/01 Daily	Grab
Flow	Sample Measurement	0.3	0.0625						May 31, 2008	
50050	100	Permit Requirement	Monthly Report	Daily Max Report			MGD (03)		01/01 Daily	Estimate

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Katrina Higgins-Coltrain, Remedial Project Manager, USEPA		214	665-8143	2008	6	5
TYPED OR PRINTED	Signature of Principal Executive Officer or Authorized Agent	Area Code	Number	Year	Mo	Day
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