Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 3/10" inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged they will need changing when job go back in process
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water? NO	YES
Water Transfer to Barge	Began pumping:	Time/Date
	Stopped Pumping:	Time/Date

Problems (Describe): Disguises on pile was uncovered in some places. Tiewraps keeping to stop disguises from tearing.
(2) Grass still not cut.

Corrective Measures (Describe): Covered uncovered places on pile.

Completed by: Gary DeLafoissé — Print Name — 7/24/03 — Date

Signature: Gary DeLafoissé

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 3½" inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged Straighten fence
Hay Bales	Intact and In Place	Damaged need changing out
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water? NO	YES
Water Transfer to Barge	Began pumping: _____ Time/Date	
	Stopped Pumping: _____ Time/Date	

Problems (Describe): ① Tape around place was Down. ② Grass was Being cut Down. ③ Pile had some spot where it was uncovered. ④ Pond level is about 3½ft of freeboard.

Corrective Measures (Describe): ① Replace Down Caution tape ② Grass cutting will be done this week ③ Covered pile where needed.

Completed by: GARY DeLAFoisse (Print Name) 8/2/03 (Date)

Signature: Gary DeLafoise

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 3/10" inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water? NO	YES
Water Transfer to Barge	Began pumping:	6:00AM 8/7/03 Time/Date
PSC 175 BBL > 7 Loads (8/7/03) PSC 130 BBL > 5 Loads Total Transfered 1175 BBL	Stopped Pumping:	6:40pm 8/7/03 Time/Date

Problems (Describe): (1) Silt fences was Down & Bush Hog Cut on set of fence up. Barge was sinking Due To amount of water put in made water raise over Road.

Talk with Roberto we installed Hay on Running water.

Corrective Measures (Describe): Replace some sections of Silt fence and put up some good tape for Zone. Paul finally got grass cut & Transfering water from pit to Barge today and tomorrow.

Completed by: GARY DeLafosse (Print Name) 8/7-8/03 (Date)

Signature: Gary DeLafosse

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 1/2" inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water? NO	YES
Water Transfer to Barge No Transfering free board is about 4ft	Began pumping: _____ Time/Date	
	Stopped Pumping: _____ Time/Date	

Problems (Describe): ① Some caution tape was Down ② Silt fence was gone Do to grass mowing about 100 ft. ③ Cover pile in some spots

Corrective Measures (Describe): ① Put up more caution tape ② Paul out up about 100 ft of silt fence while cutting grass. put up new fence. Grass has been cut.

Completed by: Gary DelAforsi (Print Name) 8/15/03 (Date)

Signature: Gary DelAforsi

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 1 1/2" inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water? NO	YES
Water Transfer to Barge No Transfering 4ft Free Board	Began pumping: _____ Time/Date	
	Stopped Pumping: _____ Time/Date	

Problems (Describe): (1) Some tape was Down. (2) Silt fences was Down in places. (3) Hay Bales are getting rotten with so much Rain

Corrective Measures (Describe): (1) Put new tape where needed (2) Repair silt fencing. (3) Told Danny about Bad Hay bales.

Completed by: Gary DeLafoisse (Print Name) 8/23 /03 (Date)

Signature: Gary DeLafoisse

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 3" inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged Need Replacing Water Logged
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water? NO	YES
Water Transfer to Barge	Began pumping: _____ Time/Date	
Free Board on Pond is about 3½ ft.	Stopped Pumping: _____ Time/Date	

Problems (Describe): (1) Some caution tapes were Down (2) Pile needs to be recovered all among Half bales are water logged and Breaking up.

Corrective Measures (Describe): (1) Put up caution tape were needed. (2) This will take track Hoe and a couple of people for a few hours. (3) Need ok from Sole before restacking

Completed by: Gary Delafoisse (Print Name) 8/29/03 (Date)

Signature: Gary Delafoisse

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged water log
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	Time/Date
No Transfer 4ft Free Board in Pond	Stopped Pumping:	Time/Date

Problems (Describe):

Corrective Measures (Describe): Grass was cut Looks great.

Completed by: Gary DelAfosse
Print Name

9/5/03
Date

Signature: Gary DelAfosse

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 4 1/2" inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged water logged
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water? NO	YES
Water Transfer to Barge 3ft of free board	Began pumping: _____ Time/Date	
	Stopped Pumping: _____ Time/Date	

Problems (Describe): (1) Some flagging was down. (2) Silt fence in some area was washed out

Corrective Measures (Describe): (1) put up flagging where it was gone. (2) stand up silt fence were needed. Very muddy a lot of rain this week.

Completed by: GARY DELAFOISSE (Print Name) 9/12/03 (Date)

Signature: Gary Delafoisse

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: _____ inches

		Circle One
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	_____ Time/Date
	Stopped Pumping:	_____ Time/Date

Problems (Describe): No inspection update, went to site on Friday/Saturday/Sunday to see if gate was unlocked. Shipyard has changed the gate lock my Key wont open gate.

Corrective Measures (Describe): Rob could you please check on this and give me a call tomorrow. At (337) 319-6611

Completed by: Gary Delafosse (Print Name) 9/21/03 (Date)

Signature: Gary Delafosse

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 1½" inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water? NO	YES
Water Transfer to Barge 2½ft free board	Began pumping: _____ Time/Date	
	Stopped Pumping: _____ Time/Date	

Problems (Describe): (1) Repaired silt Fences (2) some caution tape was down.

Corrective Measures (Describe): Silt fences were replaced. Install caution tape. Grass was Freshly cut.

Completed by: Gary Delafosse (Print Name) 9/27/03 (Date)

Signature: Gary Delafosse

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water? NO	YES
Water Transfer to Barge 2-3' of Free Board	Began pumping: _____ Time/Date	
	Stopped Pumping: _____ Time/Date	

Problems (Describe): (1) Some caution tape replaced

Corrective Measures (Describe): _____

Completed by: Gary DelAquessio (Print Name) 10/3/03 (Date)

Signature: Gary DelAquessio

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

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Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	NONE Time/Date
	Stopped Pumping:	Time/Date

Problems (Describe): Approximately 12' water in bottom of former oil pit (north end), with ~7' freeboard.

Corrective Measures (Describe): Stockpiled material in south end of former oil pit is covered with at least 12 mil plastic sheeting, sloped to drain away from pit and anchored w/concrete blocks and clean perimeter soil. Exposed stabilized material drains into north end of former oil pit.

Completed by: Robert Leslie (Print Name) 11/13/03 (Date)

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

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Rain Gauge Reading: 0.0 inches

	Circle One		
Diversion Swales	No Obstructions	Clogged/Obstructed	
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair	IN PROGRESS
Silt Fences	Intact and In Place	Damaged	
Hay Bales	Intact and In Place	Damaged	N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed	
Oil Pit	Accumulated water?	NO	YES
Water Transfer to Barge	Began pumping:	1030 11/12/03 Time/Date	water level dropped 24" in Oil Pit
	Stopped Pumping:	1730 11/12/03 Time/Date	

Problems (Describe): As stockpiled material is consolidated within south half of footprint of former oil pit, repairs are being made to stormwater berms.

Corrective Measures (Describe): Repairs in progress.

Completed by: Robert Leslie (Print Name) 11/12/03 (Date)

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	11/11/03 0750 11/11/03 Time/Date
	Stopped Pumping:	11/11/03 1730 11/11/03 Time/Date

water level in oil pit dropped ~18"

Problems (Describe): Berm opened for truck access & to consolidate remaining stockpile material within footprint of former oil pit.

Corrective Measures (Describe): No rain in forecast. Berm will be repaired prior to weekend.

Completed by: Robert Leslie (Print Name) 11/11/03 (Date)

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	(REL) ~~N/~~ 11/10/03 0815 (REL) Time/Date
	Stopped Pumping:	11/10/03 1545 Time/Date

Dropped water level in pit ~24"

Problems (Describe): Opened stormwater diversion berm for truck access.

Corrective Measures (Describe): Diversion berms will be repaired in the event of rain. No rain forecasted for remainder of week.

Completed by: ROBERT LESLIE 11/10/03
Print Name Date

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

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Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping: 11/7/03 0900 Time/Date	
	Stopped Pumping: 11/7/03 1730 Time/Date	Dropped water level in pit 6"-8"

Problems (Describe): Berm opened for truck traffic.

Corrective Measures (Describe): Berm repaired prior to stopping work for weekend.

Completed by: Robert Leslie
Print Name

~~11/6/03~~ 11/7/03
Date
REL

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

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Rain Gauge Reading: 0.0 inches

		Circle One	
Diversion Swales		No Obstructions	Clogged/Obstructed
Storm Water Control Berms		Intact/Watertight	Damaged/Need Repair
Silt Fences		Intact and In Place	Damaged
Hay Bales		Intact and In Place	Damaged N/A
Storm Water Ditch		No Obstructions	Clogged/Obstructed
Oil Pit		Accumulated water?	NO YES
Water Transfer to Barge		Began pumping:	N/A Time/Date
		Stopped Pumping:	N/A Time/Date

Problems (Describe): Berm opened for truck access.

Corrective Measures (Describe): None needed; no rain forecast.

Completed by: Robert Leslie
Print Name

11/6/03
Date

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

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Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	N/A Time/Date
	Stopped Pumping:	N/A Time/Date

Problems (Describe): Berm opened for truck access.

Corrective Measures (Describe): None needed; no rain forecast

Completed by: Robert Leslie (Print Name) 11/5/03 (Date)

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	N/A Time/Date
	Stopped Pumping:	N/A Time/Date

Problems (Describe): Berm opened for truck access.

Corrective Measures (Describe): None needed; no rain in forecast.

Completed by: Robert Leslie (Print Name) 11/4/03 (Date)

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	N/A Time/Date
	Stopped Pumping:	N/A Time/Date

Problems (Describe): None

Corrective Measures (Describe): None needed.

Completed by: Robert Leslie (Print Name) 11/3/03 (Date)

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	N/A Time/Date
	Stopped Pumping:	N/A Time/Date

Problems (Describe): None. Berms repaired prior to leaving site for weekend.

Corrective Measures (Describe): None needed.

Completed by: Robert E. Leslie, Jr. (Print Name) 10/31/03 (Date)

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	N/A Time/Date
	Stopped Pumping:	N/A Time/Date

Problems (Describe): Berms removed at truck loading area for access.

Corrective Measures (Describe): None; no rain forecast.

Completed by: Robert Leslie (Print Name) 10/30/03 (Date)

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	N/A Time/Date
	Stopped Pumping:	N/A Time/Date

Problems (Describe): Some berms removed for truck access. LDEQ representative onsite (Mike Miller) expressed concern if not repaired before next rainfall.

Corrective Measures (Describe): None. No rain in forecast. LDEQ representative was informed that berms will be repaired before 10/31 - 11/2 weekend.

Completed by: Robert Leslie (Print Name) 10/29/03 (Date)

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair (*)
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged N/A
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping:	N/A Time/Date
	Stopped Pumping:	N/A Time/Date

Problems (Describe): ~~None~~ PEL (*) Some berms removed during soil excavation & truck loading to allow truck access.

Corrective Measures (Describe): None needed; no rainfall forecast or anticipated before weekend.

Completed by: Robert Leslie (Print Name) 10/28/03 Tuesday (Date)

Signature: [signature]

SWPPPChecklist

Inspection Checklist
Storm Water Pollution Prevention Plan
Interim Measures/Removal Action
SBA Shipyards Site

In accordance with the site's storm water pollution prevention plan (SWPPP), this checklist shall be completed for each inspection of the storm water Best Management Practices (BMPs) implemented at the site. The checklist must be completed during each site inspection by a qualified individual approved by the Project Manager. *Inspections shall be made at the beginning of each workday or within 24 hours after a rainfall event of 0.5 inches or more.*

Rain Gauge Reading: 0.0 inches

	Circle One	
Diversion Swales	No Obstructions	Clogged/Obstructed
Storm Water Control Berms	Intact/Watertight	Damaged/Need Repair
Silt Fences	Intact and In Place	Damaged
Hay Bales	Intact and In Place	Damaged REMOVED
Storm Water Ditch	No Obstructions	Clogged/Obstructed
Oil Pit	Accumulated water?	NO YES
Water Transfer to Barge	Began pumping: N/A Time/Date	
	Stopped Pumping: N/A Time/Date	

Problems (Describe): Hay bales and some silt fencing no longer required due to grass & vegetation growth over past few months.

Corrective Measures (Describe): None required.

Completed by: Robert Leslie (Print Name) 10/27/03 (Date)

Signature: [signature]

SWPPPChecklist

Appendix K

March 12, 2004 LDEQ Letter of No Objection

Interim Measures/Removal Action
Completion Report

SBA Shipyards, Inc. Site
Jennings, Louisiana

State of Louisiana

Department of Environmental Quality

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY

MAR 12 2004

CERTIFIED MAIL# 7703 2260 0006 0166 4571
RETURN RECEIPT REQUESTED

File No.: LA0006874
AI No.: 1478
Activity No.: PER20040001

Michael Pisani & Associates, Inc.
1100 Poydras Street
1430 Energy Centre
New Orleans, Louisiana 70163
Attention: Mr. Robert Leslie, Jr., P.E.

RE: Release of Uncontaminated Pond Water

Dear Mr. Leslie:

This Office is in receipt of your letter dated March 5, 2004, which requests authorization to discharge uncontaminated water from a pond, formerly used to store treated water from barge cleaning activities, located at SBA Shipyards, Inc., Jefferson Davis Parish. It is understood that the barge cleaning activities and subsequent water discharges to the pond were terminated in 2000. Furthermore, it is also understood that the water in the pond was not involved in any ongoing cleanup activities, and thus does not involve any additional waste types. Therefore, this Office has no objection to the proposed discharge. Should you become aware of any anticipated impacts as a result of this discharge, please notify this Office immediately. In addition, please notify the Southwest Regional Office at (337) 491-2667 one (1) hour prior to commencing the discharge and one (1) hour after cessation of the discharge.

If you have any questions regarding this matter, please feel free to contact Sonja Loyd at (225) 219-3090.

Sincerely,

Linda Korn Levy
Assistant Secretary

c: Southwest Regional Office
Surveillance Division

Scott Guilliams
Permits Division

Sonja Loyd
Permits Division

Appendix L

Summary of Treated Water Analytical Results and Spent Activated Carbon Reactivation Certificate

Interim Measures/Removal Action Completion Report

SBA Shipyards, Inc. Site Jennings, Louisiana

LOUISIANA WATER DISCHARGE PERMIT SYSTEM (LWDPS)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME SBA Shipyards, Inc.
ADDRESS Post office Box 1386
Jennings, Louisiana 70546

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
LA0006874	001

MONITORING PERIOD	YEAR	MONTH	DAY		YEAR	MONTH	DAY
FROM	2003	7	1	TO	2003	9	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NUMBER OF EXCEEDANCES (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Flow	SAMPLE MEASUREMENT	0.040	0.040	MGD	---	---	---	MGD	0	1 / Discharge	Estimate
	PERMIT REQUIREMENT	Report	Report		---	---	---			1 / DISCHARGE	Estimate
pH	SAMPLE MEASUREMENT	---	---	LB/DAY	7.09	---	8.18	Std. Units	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		6.0	---	9.0			1 / DISCHARGE	Grab
Oil & Grease	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 5.2	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	15			1 / DISCHARGE	Grab
COD	SAMPLE MEASUREMENT	---	---	LB/DAY	---	119	192	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	250	400			1 / DISCHARGE	Grab
TOC	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	60.7	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	70			1 / DISCHARGE	Grab
TSS	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	20	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	60			1 / DISCHARGE	Grab
Total Phenols	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	0.254	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.5			1 / DISCHARGE	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Louis Smaihall President	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 UPON MY INQUIRY OF THE PERSON OR 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.	337	824-1519	2003	09	01
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

LOUISIANA WATER DISCHARGE PERMIT SYSTEM (LWDPS)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME SBA Shipyards, Inc.
ADDRESS Post office Box 1386
Jennings, Louisiana 70546

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
LA0006874	001

MONITORING PERIOD							
FROM	YEAR	MONTH	DAY	TO	YEAR	MONTH	DAY
	2003	7	1		2003	9	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NUMBER OF EXCEEDANCES (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Benzene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	< 0.005	< 0.005	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	0.057	0.134			1 / DISCHARGE	Grab
Toluene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	< 0.005	0.0086	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	0.024	0.078			1 / DISCHARGE	Grab
Ethylbenzene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	< 0.005	< 0.005	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	0.142	0.38			1 / DISCHARGE	Grab
Total Xylenes	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Total Lead	SAMPLE MEASUREMENT	---	---	LB/DAY		---	< 0.015	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.015			1 / DISCHARGE	Grab
Methylene Chloride	SAMPLE MEASUREMENT	---	---	LB/DAY	---	< 0.010	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	0.036	0.17			1 / DISCHARGE	Grab
Tetrachloroethylene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	< 0.005	< 0.005	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	0.052	0.164			1 / DISCHARGE	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Louis Smaihall President	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 UPON MY INQUIRY OF THE PERSON OR 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.	337	824-1519	2003	09	01
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

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Jennings, Louisiana 70546

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
LA0006874	001

MONITORING PERIOD						
FROM	YEAR	MONTH	DAY	TO	YEAR	MONTH	DAY
	2003	7	1		2003	9	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NUMBER OF EXCEEDANCES (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Chloroethane	SAMPLE MEASUREMENT	---	---	LB/DAY	---	< 0.005	< 0.005	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	0.11	0.295			1 / DISCHARGE	Grab
1,1-Dichloroethane	SAMPLE MEASUREMENT	---	---	LB/DAY	---	< 0.005	< 0.005	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	0.022	0.059			1 / DISCHARGE	Grab
1,2-Dichloroethane	SAMPLE MEASUREMENT	---	---	LB/DAY	---	< 0.005	0.0085	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	0.18	0.574			1 / DISCHARGE	Grab
Vinyl Chloride	SAMPLE MEASUREMENT	---	---	LB/DAY	---	< 0.005	< 0.025	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	0.097	0.172			1 / DISCHARGE	Grab
Acenaphthene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Acenaphthylene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Anthracene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Louis Smaihall President	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 UPON MY INQUIRY OF THE PERSON OR 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.	337	824-1519	2003	09	01
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

LOUISIANA WATER DISCHARGE PERMIT SYSTEM (LWDPS)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME SBA Shipyards, Inc.
ADDRESS Post office Box 1386
Jennings, Louisiana 70546

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LA0006874	001

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

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NUMBER OF EXCEEDANCES (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Benzidene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.040	mg/L	1	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Benzo(a) pyrene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Benzo(b) fluoranthene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
4-Bromophenyl phenyl ether	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Butylbenzyl phthalate	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
bis(2-Chloroethoxy) methane	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
bis(2-Chloroethyl) ether	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Louis Smaihall President	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 UPON MY INQUIRY OF THE PERSON OR 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.		337	824-1519	2003	09	01
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) Benzidine exceedance is the result of an elevated laboratory reporting limit; this compound was not detected in any sample of treated or untreated water.

LOUISIANA WATER DISCHARGE PERMIT SYSTEM (LWDPS)
DISCHARGE MONITORING REPORT (DMR)

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bis(2-Chloro-isopropyl) ether	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
bis(2-Ethylhexyl) phthalate	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
2-Chloronaphthalene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
4-Chlorophenyl phenyl ether	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Crysene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Dibenz(a,h) anthracene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
1,2-Dichlorobenzene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Louis Smaihall President	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 UPON MY INQUIRY OF THE PERSON OR 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.	337	824-1519	2003	09	01
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

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	2003	7	1		2003	9	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NUMBER OF EXCEEDANCES (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
1,3-Dichlorobenzene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
1,4-Dichlorobenzene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
3,3'-Dichloro-benzidene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.020	mg/L	1	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Diethyl phthalate	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Dimethyl phthalate	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Di-n-butyl phthalate	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
2,4-Dinitrotoluene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Louis Smaihall President	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 UPON MY INQUIRY OF THE PERSON OR 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.	337	824-1519	2003	09	01
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) 3,3'-Dichlorobenzidine exceedance is the result of an elevated laboratory reporting limit; this compound was not detected in any sample of treated or untreated water.

LOUISIANA WATER DISCHARGE PERMIT SYSTEM (LWDPS)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME SBA Shipyards, Inc.
ADDRESS Post office Box 1386
Jennings, Louisiana 70546

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
LA0006874	001

MONITORING PERIOD	YEAR	MONTH	DAY		YEAR	MONTH	DAY
FROM	2003	7	1	TO	2003	9	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NUMBER OF EXCEEDANCES (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
2,6-Dinitrotoluene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Di-n-octyl phthalate	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
1,2-Diphenyl-hydrazine	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Fluoranthene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Fluorene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Hexachlorobenzene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Hexachlorobutadiene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
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TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

LOUISIANA WATER DISCHARGE PERMIT SYSTEM (LWDPS)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME SBA Shipyards, Inc.
ADDRESS Post office Box 1386
Jennings, Louisiana 70546

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
LA0006874	001

MONITORING PERIOD							
FROM	YEAR	MONTH	DAY	TO	YEAR	MONTH	DAY
	2003	7	1		2003	9	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NUMBER OF EXCEEDANCES (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Hexachloro-pentadiene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.011	mg/L	1	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Hexachloroethane	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Indeno(1,2,3-c,d) pyrene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Isophorone	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Napthalene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Nitrobenzene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
n-Nitroso-dimethylamine	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Louis Smaihall President	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 UPON MY INQUIRY OF THE PERSON OR 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.		337	824-1519	2003	09	01
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) Hexachloropentadiene exceedance is the result of an elevated laboratory reporting limit; this compound was not detected in any sample of treated or untreated water.

LOUISIANA WATER DISCHARGE PERMIT SYSTEM (LWDPS)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME SBA Shipyards, Inc.
ADDRESS Post office Box 1386
Jennings, Louisiana 70546

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
LA0006874	001

MONITORING PERIOD	YEAR	MONTH	DAY		YEAR	MONTH	DAY
FROM	2003	7	1	TO	2003	9	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NUMBER OF EXCEEDANCES (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
n-Nitroso-di-n-propylamine	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.011	mg/L	1	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
n-Nitroso-diphenylamine	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Phenanthrene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Pyrene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
1,2,4-Tricholoro-benzene	SAMPLE MEASUREMENT	---	---	LB/DAY	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Benzo(g,h,i) perylene	SAMPLE MEASUREMENT	---	---	---	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab
Benzo(k) fluoranthene	SAMPLE MEASUREMENT	---	---	---	---	---	< 0.010	mg/L	0	1 / Discharge	Grab
	PERMIT REQUIREMENT	---	---		---	---	0.01			1 / DISCHARGE	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Louis Smaihall President	337	824-1519	2003	09	01	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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 UPON MY INQUIRY OF THE PERSON OR 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.

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) n-Nitroso-di-n-propylamine exceedance is the result of an elevated laboratory reporting limit; this compound was not detected in any sample of treated or untreated water.

USFilter

USF Westates - Parker
2523 Mutahar Street - Box
Parker, AZ 85344

Telephone: (928) 669-5758
Facsimile: (928) 669-5775

July 16, 2005

SBA Shipyards, Inc.
c/o Michael Pisani & Assoc: 1100 Poghas St. Ste. 1430
New Orleans, LA 70163-

This is to certify the following spent carbon received at U.S. Filter/Westates Carbon Reactivation facility was reactivated in accordance with 40 CFR Part 265 and Part 61 regulations:

Site Address:	3040 Center Landing, Jennings, LA
Profile Number:	W50002AC
Manifest Document Number:	35244HU
Date Of Receipt:	January 11, 2005
Container Quantity - Type:	2 - PV2000
Reactivation Date:	5/25/2005

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations, I verify the information contained above is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification this information is true, accurate and complete.

USF Westates
EPA ID No. AZD 982 441 263

Sincerely,

Drew Bolyard
Plant Manager

Discharge Monitoring Summary
Outfall 001

NPDES Permit LA0006874
SBA Shipyards, Inc.

						Sample Identifier											
						Batch 1			Batch 2			Batch 3					
				Outfall 001 Discharge		Discharged	(c)	(c)	(c)	(c)	Discharged	(d)	(d)	(d)	(d)	(d)	(d)
		Discharge Limits		Discharge Monitoring		Water Pit											
Effluent		Monthly	Daily		Sample	NPDES 1	WP-1	WP-1	WP-1	WP-1	DIS-1	WP-1	WP-1	WP-1	DIS-1	WP-1	DIS-1
Characteristic	Units	Average	Maximum	Frequency	Type	7/20/04	7/30/04	8/5/04	8/9/04	8/11/04	8/11/2004	8/13/04	8/17/04	8/24/2004	8/24/2004	8/26/2004	8/26/2004
Conventional Water Quality Parameters																	
pH[a]	Std. Units	- - -	6.0 / 9.0	1 / discharge	Grab	7.11	8.18	NA	NA	7.11	7.09	7.56	NA	NA	NA	8.0	7.8
Oil & grease	mg/L	- - -	15	1 / discharge	Grab	ND (5.2)	ND (5.0)	NA	NA	NA	NA	5	NA	ND (5)	8	NA	NA
Chemical Oxygen Demand (COD)	mg/L	250	400	1 / discharge	Grab	45.4	192	NA	NA	NA	NA	180	NA	83.2	113	NA	NA
Total Organic Carbon (TOC)	mg/L	- - -	70	1 / discharge	Grab	11.3	60.7	NA	NA	NA	NA	53.8	NA	41.5	34.2	NA	NA
Total Suspended Solids (TSS)	mg/L	- - -	60	1 / discharge	Grab	4	20	NA	NA	NA	NA	20	NA	28	21	NA	NA
Total Metals																	
Total lead	mg/L	- - -	0.15	1 / discharge	Grab	ND (0.015)	ND (0.015)	NA	NA	NA	NA	ND (0.002)	NA	ND (0.002)	ND (0.002)	NA	NA
Volatile Organic Compounds													NA				
Benzene	mg/L	0.057	0.134	1 / discharge	Grab	ND (0.005)	0.0281	0.0368	ND (0.005)	ND (0.005)	0.040	ND (0.005)	NA	ND (0.005)	0.039	NA	NA
Toluene	mg/L	0.024	0.078	1 / discharge	Grab	ND (0.005)	0.0224	0.0225	ND (0.005)	ND (0.005)	0.0086	ND (0.005)	NA	ND (0.005)	0.0066	NA	NA
Ethylbenzene	mg/L	0.142	0.38	1 / discharge	Grab	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	ND (0.005)	ND (0.005)	NA	NA
Total xylenes	mg/L	- - -	0.01	1 / discharge	Grab	ND (0.010)	0.0338	0.0236	ND (0.015)	ND (0.005)	ND (0.005)	ND (0.005)	NA	ND (0.005)	ND (0.005)	NA	NA
Methylene chloride	mg/L	0.036	0.17	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.005)	ND (0.010)	ND (0.010)	ND (0.010)	NA	ND (0.010)	ND (0.010)	NA	NA
Tetrachloroethylene	mg/L	0.052	0.164	Weekly[b]	Grab	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	ND (0.005)	ND (0.005)	NA	NA
Chloroethane	mg/L	0.11	0.295	Weekly[b]	Grab	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.010)	ND (0.005)	ND (0.005)	ND (0.005)	NA	ND (0.005)	ND (0.005)	NA	NA
1,2-Dichloroethane	mg/L	0.18	0.574	Weekly[b]	Grab	ND (0.005)	0.00652	0.0144	0.00703	0.0096	0.016	0.0085	NA	ND (0.005)	0.015	NA	NA
1,1-Dichloroethane	mg/L	0.022	0.059	Weekly[b]	Grab	ND (0.005)	ND (0.005)	0.00558	ND (0.005)	ND (0.005)	0.0073	ND (0.005)	NA	ND (0.005)	0.008	NA	NA
Vinyl chloride	mg/L	0.097	0.172	Weekly[b]	Grab	ND (0.005)	ND (0.005)	0.00784	ND (0.002)	ND (0.025)	ND (0.025)	ND (0.025)	NA	ND (0.025)	ND (0.025)	NA	NA
Semivolatile Organic Compounds																	
Acenaphthene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	0.0165	ND (0.100)	0.0145	0.0058	ND (0.0056)	0.0074	ND (0.005)	0.015	ND (0.005)	NA	NA
Acenaphthlyene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.010)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Anthracene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	0.0102	ND (0.100)	0.0197	0.011	ND (0.0056)	0.0098	ND (0.005)	0.019	0.054	NA	NA
Benzidine	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.040)	ND (0.040)	ND (0.400)	ND (0.0538)	ND (0.011)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	NA	NA
Benzo(a)pyrene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
3,4-Benzofluoranthene (Benzo(b)fluoranthene)	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Benzo(g,h,i)perylene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Benzo(k)fluoranthene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
4-Bromophenyl phenyl ether	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Butylbenzyl phthalate	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
bis(2-Chloroethoxy)methane	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
bis(2-Chloroethyl)ether	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
bis(2-Chloroisopropyl)ether	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
bis(2-Ethylhexyl)phthalate	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
2-Chloronaphthalene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
4-Chlorophenyl phenyl ether	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA

Discharge Monitoring Summary
Outfall 001

NPDES Permit LA0006874
SBA Shipyards, Inc.

Effluent Characteristic	Units	Discharge Limits Monthly Average	Discharge Limits Daily Maximum	Outfall 001 Discharge: Discharge Monitoring Frequency	Sample Type	Sample Identifier: Batch 1 Discharged Water Pit NPDES 1 7/20/04	Batch 2 (c) WP-1 7/30/04	Batch 2 (c) WP-1 8/5/04	Batch 2 (c) WP-1 8/9/04	Batch 2 (c) WP-1 8/11/04	Batch 2 Discharged DIS-1 8/11/2004	Batch 3 (d) WP-1 8/13/04	Batch 3 (d) WP-1 8/17/04	Batch 3 (d) WP-1 8/24/2004	Batch 3 (d) DIS-1 8/24/2004	(d) WP-1 8/26/2004	(d) DIS-1 8/26/2004
Chrysene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Dibenz(a,h)anthracene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
1,2-Dichlorobenzene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
1,3-Dichlorobenzene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
1,4-Dichlorobenzene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
3,3'-Dichlorobenzidene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.020)	ND (0.020)	ND (0.200)	ND (0.0215)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Diethyl phthalate	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Dimethyl phthalate	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Di-n-butyl phthalate	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
2,4-Dinitrotoluene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
2,6-Dinitrotoluene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Di-n-octyl phthalate	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0215)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
1,2-Diphenylhydrazine	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Fluoranthene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	0.0134	ND (0.100)	0.0169	0.014	ND (0.0056)	0.006	ND (0.005)	0.016	0.013	NA	ND (0.005)
Fluorene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	0.014	ND (0.100)	0.0192	0.0064	ND (0.0056)	0.0076	ND (0.005)	0.013	ND (0.005)	NA	NA
Hexachlorobenzene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Hexachlorobutadiene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Hexachloropentadiene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.011)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	NA	NA
Hexachloroethane	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Indeno(1,2,3-c,d)pyrene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Isophorone	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Naphthalene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Nitrobenzene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
n-Nitrosodimethylamine	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
n-Nitrosodi-n-propylamine	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.011)	ND (0.011)	ND (0.010)	ND (0.010)	ND (0.010)	ND (0.010)	NA	NA
n-Nitrosodiphenylamine	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Phenanthrene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	0.0353	0.012	ND (0.0056)	0.014	ND (0.005)	0.030	0.0062	NA	NA
Pyrene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	0.0122	0.0097	ND (0.0056)	ND (0.005)	ND (0.005)	0.011	0.0088	NA	NA
1,2,4-Trichlorobenzene	mg/L	- - -	0.01	Weekly[b]	Grab	ND (0.010)	ND (0.010)	ND (0.100)	ND (0.0108)	ND (0.0056)	ND (0.0056)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	NA	NA
Other Organics																	
Total phenolics	mg/L	- - -	0.5	1 / discharge	Grab	0.013	1.45	2.44	0.254	NA	NA	0.072	NA	0.088	0.672	NA	0.78

Notes:

(a) Maximum and minimum instantaneous values shall be reported.
(b) During remediation activities and for four weeks after termination of remediation-associated discharges, according to permit.
(c) Water in former Water Pit not meeting discharge permit limits was returned through the treatment system, then discharged back into pond prior to additional testing.
(d) Discharge was not pumped through Outfall 001; water was allowed to remain in the forme Water Pit.

NELAP CERTIFICATE NUMBER 01955

NPDES 1 7/20/04

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC.

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 07/28/2004

GCAL Report 204071933

Deliver To	Michael Pisani & Associates 1100 Poydras Suite 1430 New Orleans, LA 70163 (504) 582-2464
Attn	Robert Leslie

Customer Michael Pisani & Associates

Project IM/RA DISCHARGE

CASE NARRATIVE

Client: Michael Pisani & Associates **Report:** 204071933

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In analytical batch 277350, the LCS/LCSD exhibited marginal sporadic recovery failures for the extended list of spike compounds.

SEMI-VOLATILES MASS SPECTROMETRY

In prep batch 277380, Benzidine was recovered outside of the established control limits for the MS.

CONVENTIONALS

The Sample/Duplicate RPD for Total Phenolics for prep batch 277394 is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reporduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Curtis Ekker

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 204071933

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20407193301	WATER PIT NPDES 1	Water	07/20/2004 07:15	07/20/2004 09:55

	Client ID	Matrix	Collect Date/Time	Receive Date/Time
2040 ... 01	WATER PIT NPDES 1	Water	07/20/2004 07:15	07/20/2004 09:55

624, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/20/2004 11:54	KCB	277350

CAS#	Parameter	Result	RDL	REG LIMIT	Units
75-34-3	1,1-Dichloroethane	ND	5.00		ug/L
107-06-2	1,2-Dichloroethane	ND	5.00		ug/L
71-43-2	Benzene	ND	5.00		ug/L
75-00-3	Chloroethane	ND	5.00		ug/L
100-41-4	Ethylbenzene	ND	5.00		ug/L
75-09-2	Methylene chloride	ND	10.0		ug/L
127-18-4	Tetrachloroethene	ND	5.00		ug/L
108-88-3	Toluene	ND	5.00		ug/L
75-01-4	Vinyl chloride	ND	5.00		ug/L
1330-20-7	Xylene (total)	ND	10.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	30	28.5	ug/L	95	78 - 115
1868-53-7	Dibromofluoromethane	30	33.2	ug/L	111	70 - 130
2037-26-5	Toluene d8	30	27.7	ug/L	92	78 - 127
17060-07-0	1,2-Dichloroethane-d4	30	36.1	ug/L	120	76 - 128

625, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
07/20/2004 09:00	277380	EPA 625	1	07/21/2004 18:04	RLW	277441

CAS#	Parameter	Result	RDL	REG LIMIT	Units
122-66-7	1,2 Diphenylhydrazine	ND	10.0		ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	10.0		ug/L
95-50-1	1,2-Dichlorobenzene	ND	10.0		ug/L
541-73-1	1,3-Dichlorobenzene	ND	10.0		ug/L
106-46-7	1,4-Dichlorobenzene	ND	10.0		ug/L
121-14-2	2,4-Dinitrotoluene	ND	10.0		ug/L
606-20-2	2,6-Dinitrotoluene	ND	10.0		ug/L
91-58-7	2-Chloronaphthalene	ND	10.0		ug/L
91-94-1	3,3'-Dichlorobenzidine	ND	20.0		ug/L
7005-72-3	4-Chlorophenyl phenyl ether	ND	10.0		ug/L
83-32-9	Acenaphthene	ND	10.0		ug/L
208-96-8	Acenaphthylene	ND	10.0		ug/L
120-12-7	Anthracene	ND	10.0		ug/L
92-87-5	Benzidine	ND	40.0		ug/L
56-55-3	Benzo(a)anthracene	ND	10.0		ug/L
50-32-8	Benzo(a)pyrene	ND	10.0		ug/L
205-99-2	Benzo(b)fluoranthene	ND	10.0		ug/L
191-24-2	Benzo(g,h,i)perylene	ND	10.0		ug/L
207-08-9	Benzo(k)fluoranthene	ND	10.0		ug/L
111-91-1	Bis(2-Chloroethoxy)methane	ND	10.0		ug/L
111-44-4	Bis(2-Chloroethyl)ether	ND	10.0		ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	ND	10.0		ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	10.0		ug/L
101-55-3	4-Bromophenyl phenyl ether	ND	10.0		ug/L
85-68-7	Butyl benzyl phthalate	ND	10.0		ug/L
218-01-9	Chrysene	ND	10.0		ug/L

Client ID	Matrix	Collect Date/Time	Receive Date/Time
WATER PIT NPDES 1	Water	07/20/2004 07:15	07/20/2004 09:55

ɔ, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
07/20/2004 09:00	277380	EPA 625	1	07/21/2004 18:04	RLW	277441

CAS#	Parameter	Result	RDL	REG LIMIT	Units
84-74-2	Di-n-butyl phthalate	ND	10.0		ug/L
117-84-0	Di-n-octyl phthalate	ND	10.0		ug/L
53-70-3	Dibenz(a,h)anthracene	ND	10.0		ug/L
84-66-2	Diethyl phthalate	ND	10.0		ug/L
131-11-3	Dimethyl phthalate	ND	10.0		ug/L
206-44-0	Fluoranthene	ND	10.0		ug/L
86-73-7	Fluorene	ND	10.0		ug/L
118-74-1	Hexachlorobenzene	ND	10.0		ug/L
87-68-3	Hexachlorobutadiene	ND	10.0		ug/L
77-47-4	Hexachlorocyclopentadiene	ND	10.0		ug/L
67-72-1	Hexachloroethane	ND	10.0		ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	ND	10.0		ug/L
78-59-1	Isophorone	ND	10.0		ug/L
91-20-3	Naphthalene	ND	10.0		ug/L
98-95-3	Nitrobenzene	ND	10.0		ug/L
85-01-8	Phenanthrene	ND	10.0		ug/L
129-00-0	Pyrene	ND	10.0		ug/L
621-64-7	n-Nitrosodi-n-propylamine	ND	10.0		ug/L
62-75-9	n-Nitrosodimethylamine	ND	10.0		ug/L
86-30-6	n-Nitrosodiphenylamine	ND	10.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	39	ug/L	78	43 - 110
321-60-8	2-Fluorobiphenyl	50	40.8	ug/L	82	16 - 128
1718-51-0	Terphenyl-d14	50	46.1	ug/L	92	47 - 121
4165-62-2	Phenol-d5	100	26.8	ug/L	27	10 - 76
367-12-4	2-Fluorophenol	100	38.2	ug/L	38	24 - 96
118-79-6	2,4,6-Tribromophenol	100	79.6	ug/L	80	19 - 133

200.7 - ICP

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
07/20/2004 17:00	277401	EPA 200.7	1	07/22/2004 10:05	KSM	277469

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	ND	0.015		mg/L

EPA 160.2, TSS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/20/2004 13:10	AEL	277383

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-009	Total Suspended Solids	4	1		mg/L

Client ID	Matrix	Collect Date/Time	Receive Date/Time
WATER PIT NPDES 1	Water	07/20/2004 07:15	07/20/2004 09:55

. 8000 - COD

;ep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/20/2004 16:56	MDT	277374

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-004	COD	45.4	5.0		mg/L

EPA 5310B TOC

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/20/2004 13:53	BMC	.277373

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-012	Total Organic Carbon	11.3	1.0		mg/L

EPA 1664A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
07/20/2004 17:00	277293	O&G 1664A	1	07/21/2004 08:20	AEL	277409

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	5.2		mg/L

420.2 - Total Phenolics

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
07/21/2004 07:30	277394	420.1	1	07/21/2004 10:06	BMC	277424

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-040	Total Phenolics	0.013	0.005		mg/L

4500 H+B Water - pH

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/20/2004 11:20	OLT	277377

CAS#	Parameter	Result	RDL	REG LIMIT	Units
pH	pH	7.11	1.00	12.5	pH unit

RESULTS REPORTED ON A WET WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch 277350	Client ID	MB277350	LCS277350
Prep Batch N/A	GCAL ID	180851	180852
	Sample Type	Method Blank	LCS
	Analytical Date	07/20/2004 08:00	07/20/2004 07:33
	Matrix	Water	Water

624, Volatiles		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R
75-34-3	1,1-Dichloroethane	ND	5.00	20.0	23.3	117	73 - 128
107-06-2	1,2-Dichloroethane	ND	5.00	20.0	26.8	134*	68 - 132
71-43-2	Benzene	ND	5.00	20.0	20.8	104	64 - 136
75-00-3	Chloroethane	ND	5.00	20.0	22.0	110	38 - 162
100-41-4	Ethylbenzene	ND	5.00	20.0	20.0	100	59 - 141
75-09-2	Methylene chloride	ND	10.0	20.0	21.1	106	61 - 140
127-18-4	Tetrachloroethene	ND	5.00	20.0	22.5	113	74 - 127
108-88-3	Toluene	ND	5.00	20.0	18.9	95	75 - 126
75-01-4	Vinyl chloride	ND	5.00	20.0	22.7	114	4 - 196
1330-20-7	Xylene (total)	ND	10.0	60.0	62.9	105	60 - 140
75-35-4	1,1-Dichloroethene	ND	5.00	20.0	20.0	100	51 - 150
79-01-6	Trichloroethene	ND	5.00	20.0	21.8	109	67 - 134
108-90-7	Chlorobenzene	ND	5.00	20.0	19.7	99	66 - 134
Surrogate							
460-00-4	4-Bromofluorobenzene	26.6	89	30	28.2	94	78 - 115
1868-53-7	Dibromofluoromethane	33.2	111	30	32.5	108	70 - 130
2037-26-5	Toluene d8	28.2	94	30	27	90	78 - 127
17060-07-0	1,2-Dichloroethane-d4	36.5	122	30	36.2	121	76 - 128

Analytical Batch 277350	Client ID	OL-2 OUTFALL	180734MS
Prep Batch N/A	GCAL ID	20407191401	180853
	Sample Type	SAMPLE	MS
	Analytical Date	07/20/2004 08:28	07/20/2004 10:17
	Matrix	Water	Water

624, Volatiles		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R
71-43-2	Benzene	0.0000	5.00	20.0	19.7	99	37 - 151
108-88-3	Toluene	0.0000	5.00	20.0	17.9	90	47 - 150
75-35-4	1,1-Dichloroethene	0.0000	5.00	20.0	18.5	93	1 - 234
79-01-6	Trichloroethene	0.0000	5.00	20.0	20.2	101	71 - 157
108-90-7	Chlorobenzene	0.0000	5.00	20.0	18.5	93	37 - 160

GC/MS Volatiles Quality Control Summary

Analytical Batch 277350	Client ID	OL-2 OUTFALL	180734MS
Prep Batch N/A	GCAL ID	20407191401	180853
	Sample Type	SAMPLE	MS
	Analytical Date	07/20/2004 08:28	07/20/2004 10:17
	Matrix	Water	Water

624, Volatiles		Units	ug/L	Spike	Result	% R	Control
		Result	RDL	Added			Limits % R
Surrogate							
460-00-4	4-Bromofluorobenzene			30	26.8	89	78 - 115
1868-53-7	Dibromofluoromethane			30	32.8	109	70 - 130
2037-26-5	Toluene d8			30	27.6	92	78 - 127
17060-07-0	1,2-Dichloroethane-d4			30	35.4	118	76 - 128

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch 277441	Client ID	MB277380	LCS277380
Prep Batch 277380	GCAL ID	180930	180931
Prep Method EPA 625	Sample Type	Method Blank	LCS
	Prep Date	07/20/2004 09:00	07/20/2004 09:00
	Analytical Date	07/21/2004 17:27	07/21/2004 17:46
	Matrix	Water	Water

625, SemiVolatiles		Units	ug/L				
		Result	RDL	Spike Added	Result	% R	Control Limits % R
122-66-7	1,2 Diphenylhydrazine	ND	10.0	100	73.4	73	
120-82-1	1,2,4-Trichlorobenzene	ND	10.0	100	72.6	73	44 - 142
95-50-1	1,2-Dichlorobenzene	ND	10.0	100	62.1	62	32 - 129
541-73-1	1,3-Dichlorobenzene	ND	10.0	100	61.4	61	1 - 172
106-46-7	1,4-Dichlorobenzene	ND	10.0	100	62.2	62	20 - 124
121-14-2	2,4-Dinitrotoluene	ND	10.0	100	88.0	88	39 - 139
606-20-2	2,6-Dinitrotoluene	ND	10.0	100	86.2	86	50 - 158
91-58-7	2-Chloronaphthalene	ND	10.0	100	83.0	83	60 - 118
91-94-1	3,3'-Dichlorobenzidine	ND	20.0	100	66.0	66	1 - 262
7005-72-3	4-Chlorophenyl phenyl ether	ND	10.0	100	78.8	79	25 - 158
83-32-9	Acenaphthene	ND	10.0	100	85.7	86	47 - 145
208-96-8	Acenaphthylene	ND	10.0	100	89.5	90	33 - 145
120-12-7	Anthracene	ND	10.0	100	90.7	91	27 - 133
92-87-5	Benzidine	ND	40.0	100	10.3	10	1 - 150
56-55-3	Benzo(a)anthracene	ND	10.0	100	91.0	91	33 - 143
50-32-8	Benzo(a)pyrene	ND	10.0	100	105	105	17 - 163
205-99-2	Benzo(b)fluoranthene	ND	10.0	100	95.3	95	24 - 159
191-24-2	Benzo(g,h,i)perylene	ND	10.0	100	88.2	88	1 - 219
207-08-9	Benzo(k)fluoranthene	ND	10.0	100	85.9	86	11 - 162
111-91-1	Bis(2-Chloroethoxy)methane	ND	10.0	100	76.1	76	33 - 184
111-44-4	Bis(2-Chloroethyl)ether	ND	10.0	100	64.2	64	12 - 158
108-60-1	Bis(2-Chloroisopropyl)ether	ND	10.0	100	64.9	65	36 - 166
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	10.0	100	91.0	91	8 - 158
101-55-3	4-Bromophenyl phenyl ether	ND	10.0	100	80.4	80	53 - 127
85-68-7	Butyl benzyl phthalate	ND	10.0	100	86.7	87	1 - 152
218-01-9	Chrysene	ND	10.0	98.0	90.5	92	17 - 168
84-74-2	Di-n-butyl phthalate	ND	10.0	100	86.4	86	1 - 118
117-84-0	Di-n-octyl phthalate	ND	10.0	100	95.9	96	4 - 146
53-70-3	Dibenz(a,h)anthracene	ND	10.0	100	95.8	96	1 - 227
84-66-2	Diethyl phthalate	ND	10.0	100	79.8	80	1 - 114
131-11-3	Dimethyl phthalate	ND	10.0	100	80.7	81	1 - 112
206-44-0	Fluoranthene	ND	10.0	100	92.8	93	26 - 137

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch 277441	Client ID	MB277380		LCS277380
Prep Batch 277380	GCAL ID	180930		180931
Prep Method EPA 625	Sample Type	Method Blank		LCS
	Prep Date	07/20/2004 09:00		07/20/2004 09:00
	Analytical Date	07/21/2004 17:27		07/21/2004 17:46
	Matrix	Water		Water

625, SemiVolatiles		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R
86-73-7	Fluorene	ND	10.0	100	87.5	88	59 - 121
118-74-1	Hexachlorobenzene	ND	10.0	100	84.0	84	1 - 152
87-68-3	Hexachlorobutadiene	ND	10.0	100	70.0	70	24 - 116
77-47-4	Hexachlorocyclopentadiene	ND	10.0	100	69.7	70	1 - 118
67-72-1	Hexachloroethane	ND	10.0	100	58.3	58	40 - 113
193-39-5	Indeno(1,2,3-cd)pyrene	ND	10.0	100	92.5	93	1 - 171
78-59-1	Isophorone	ND	10.0	100	85.8	86	21 - 196
91-20-3	Naphthalene	ND	10.0	100	77.1	77	21 - 133
98-95-3	Nitrobenzene	ND	10.0	100	78.7	79	35 - 180
85-01-8	Phenanthrene	ND	10.0	100	89.3	89	54 - 120
129-00-0	Pyrene	ND	10.0	100	90.2	90	52 - 115
621-64-7	n-Nitrosodi-n-propylamine	ND	10.0	100	78.7	79	1 - 230
62-75-9	n-Nitrosodimethylamine	ND	10.0	100	38.8	39	20 - 120
86-30-6	n-Nitrosodiphenylamine	ND	10.0	98.0	81.1	83	20 - 120
Surrogate							
4165-60-0	Nitrobenzene-d5	38	76	50	38.6	77	43 - 110
321-60-8	2-Fluorobiphenyl	40.5	81	50	42.4	85	16 - 128
1718-51-0	Terphenyl-d14	42.8	86	50	46.7	93	47 - 121
4165-62-2	Phenol-d5	22.5	23	100	32.5	33	10 - 76
367-12-4	2-Fluorophenol	31	31	100	38.8	39	24 - 96
118-79-6	2,4,6-Tribromophenol	83	83	100	85.7	86	19 - 133

Analytical Batch 277441	Client ID	WATER PIT NPDES 1		180894MS
Prep Batch 277380	GCAL ID	20407193301		180932
Prep Method EPA 625	Sample Type	SAMPLE		MS
	Prep Date	07/20/2004 09:00		07/20/2004 09:00
	Analytical Date	07/21/2004 18:04		07/21/2004 18:23
	Matrix	Water		Water

625, SemiVolatiles		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R
122-66-7	1,2 Diphenylhydrazine	0.0000	10.0	103	68.3	66	

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch 277441	Client ID	WATER PIT NPDES 1		180894MS
Prep Batch 277380	GCAL ID	20407193301		180932
Prep Method EPA 625	Sample Type	SAMPLE		MS
	Prep Date	07/20/2004 09:00		07/20/2004 09:00
	Analytical Date	07/21/2004 18:04		07/21/2004 18:23
	Matrix	Water		Water

625, SemiVolatiles		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R
120-82-1	1,2,4-Trichlorobenzene	0.0000	10.0	103	58.5	57	44 - 142
95-50-1	1,2-Dichlorobenzene	0.0000	10.0	103	51.5	50	32 - 129
541-73-1	1,3-Dichlorobenzene	0.0000	10.0	103	49.0	48	1 - 172
106-46-7	1,4-Dichlorobenzene	0.0000	10.0	103	49.9	48	20 - 124
121-14-2	2,4-Dinitrotoluene	0.0000	10.0	103	80.4	78	39 - 139
606-20-2	2,6-Dinitrotoluene	0.0000	10.0	103	79.8	77	50 - 158
91-58-7	2-Chloronaphthalene	0.0000	10.0	103	73.4	71	60 - 118
91-94-1	3,3'-Dichlorobenzidine	0.0000	20.0	103	82.4	80	1 - 262
7005-72-3	4-Chlorophenyl phenyl ether	0.0000	10.0	103	71.4	69	25 - 158
83-32-9	Acenaphthene	4.15	10.0	103	76.4	70	47 - 145
208-96-8	Acenaphthylene	0.821	10.0	103	80.9	78	33 - 145
120-12-7	Anthracene	2.94	10.0	103	81.2	76	27 - 133
92-87-5	Benzidine	0.0000	40.0	103	277	269*	1 - 150
56-55-3	Benzo(a)anthracene	0.827	10.0	103	80.5	77	33 - 143
50-32-8	Benzo(a)pyrene	0.447	10.0	103	89.7	87	17 - 163
205-99-2	Benzo(b)fluoranthene	0.736	10.0	103	81.1	78	24 - 159
191-24-2	Benzo(g,h,i)perylene	0.0000	10.0	103	80.8	78	1 - 219
207-08-9	Benzo(k)fluoranthene	0.311	10.0	103	78.2	76	11 - 162
111-91-1	Bis(2-Chloroethoxy)methane	0.0000	10.0	103	65.6	64	33 - 184
111-44-4	Bis(2-Chloroethyl)ether	0.0000	10.0	103	53.5	52	12 - 158
108-60-1	Bis(2-Chloroisopropyl)ether	0.0000	10.0	103	57.0	55	36 - 166
117-81-7	Bis(2-Ethylhexyl)phthalate	0.0000	10.0	103	82.0	80	8 - 158
101-55-3	4-Bromophenyl phenyl ether	0.0000	10.0	103	73.9	72	53 - 127
85-68-7	Butyl benzyl phthalate	0.0000	10.0	103	75.3	73	1 - 152
218-01-9	Chrysene	1.65	10.0	101	79.6	77	17 - 168
84-74-2	Di-n-butyl phthalate	0.0000	10.0	103	77.0	75	1 - 118
117-84-0	Di-n-octyl phthalate	0.0000	10.0	103	83.7	81	4 - 146
53-70-3	Dibenz(a,h)anthracene	0.0000	10.0	103	87.0	84	1 - 227
84-66-2	Diethyl phthalate	0.0000	10.0	103	72.9	71	1 - 114
131-11-3	Dimethyl phthalate	0.0000	10.0	103	73.0	71	1 - 112
206-44-0	Fluoranthene	4.52	10.0	103	80.0	73	26 - 137
86-73-7	Fluorene	4.85	10.0	103	76.8	70	59 - 121

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch 277441	Client ID	WATER PIT NPDES 1	180894MS
Prep Batch 277380	GCAL ID	20407193301	180932
Prep Method EPA 625	Sample Type	SAMPLE	MS
	Prep Date	07/20/2004 09:00	07/20/2004 09:00
	Analytical Date	07/21/2004 18:04	07/21/2004 18:23
	Matrix	Water	Water

625, SemiVolatiles		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R
118-74-1	Hexachlorobenzene	0.0000	10.0	103	79.5	77	1 - 152
87-68-3	Hexachlorobutadiene	0.0000	10.0	103	54.0	52	24 - 116
77-47-4	Hexachlorocyclopentadiene	0.0000	10.0	103	51.6	50	1 - 118
67-72-1	Hexachloroethane	0.0000	10.0	103	44.1	43	40 - 113
193-39-5	Indeno(1,2,3-cd)pyrene	0.0000	10.0	103	85.0	82	1 - 171
78-59-1	Isophorone	0.0000	10.0	103	75.4	73	21 - 196
91-20-3	Naphthalene	0.0000	10.0	103	64.7	63	21 - 133
98-95-3	Nitrobenzene	0.0000	10.0	103	66.4	64	35 - 180
85-01-8	Phenanthrene	3.09	10.0	103	77.8	72	54 - 120
129-00-0	Pyrene	3.84	10.0	103	78.6	73	52 - 115
621-64-7	n-Nitrosodi-n-propylamine	0.0000	10.0	103	69.7	68	1 - 230
62-75-9	n-Nitrosodimethylamine	0.0000	10.0	103	28.3	27	20 - 120
86-30-6	n-Nitrosodiphenylamine	0.0000	10.0	101	75.9	75	50 - 150
Surrogate							
4165-60-0	Nitrobenzene-d5	39	78	51.5	32.3	63	43 - 110
321-60-8	2-Fluorobiphenyl	40.8	82	51.5	37.8	73	16 - 128
1718-51-0	Terphenyl-d14	46.1	92	51.5	41.3	80	47 - 121
4165-62-2	Phenol-d5	26.8	27	103	19.2	19	10 - 76
367-12-4	2-Fluorophenol	38.2	38	103	26.1	25	24 - 96
118-79-6	2,4,6-Tribromophenol	79.6	80	103	74.1	72	19 - 133

Inorganics Quality Control Summary

Analytical Batch 277469	Client ID	MB277401			LCS277401		
Prep Batch 277401	GCAL ID	181024			181025		
Prep Method EPA 200.7	Sample Type	Method Blank			LCS		
	Prep Date	07/20/2004 17:00			07/20/2004 17:00		
	Analytical Date	07/22/2004 09:55			07/22/2004 10:00		
	Matrix	Water			Water		
200.7 - ICP		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
7439-92-1	Lead	ND	0.015	0.50	0.51	103	85 - 115

Analytical Batch 277469	Client ID	WATER PIT NPDES 1			180894MS		
Prep Batch 277401	GCAL ID	20407193301			181049		
Prep Method EPA 200.7	Sample Type	SAMPLE			MS		
	Prep Date	07/20/2004 17:00			07/20/2004 17:00		
	Analytical Date	07/22/2004 10:05			07/22/2004 10:16		
	Matrix	Water			Water		
200.7 - ICP		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
7439-92-1	Lead	0.0	0.015	0.50	0.53	107	70 - 130

Analytical Batch 277469	Client ID	WATER PIT NPDES 1		180894DUP		
Prep Batch 277401	GCAL ID	20407193301		181048		
Prep Method EPA 200.7	Sample Type	SAMPLE		DUP		
	Prep Date	07/20/2004 17:00		07/20/2004 17:00		
	Analytical Date	07/22/2004 10:05		07/22/2004 10:10		
	Matrix	Water		Water		
200.7 - ICP		Units Result	mg/L RDL	Result	RPD	RPD Limit
7439-92-1	Lead	0.0	0.015	0.0	0	20

General Chemistry Quality Control Summary

Analytical Batch 277383	Client ID	MB277383			LCS277383		
Prep Batch N/A	GCAL ID	180959			180960		
	Sample Type	Method Blank			LCS		
	Analytical Date	07/20/2004 13:10			07/20/2004 13:10		
	Matrix	Water			Water		
EPA 160.2, TSS		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
C-009	Total Suspended Solids	ND	1	50	49	98	80 - 120

Analytical Batch 277383	Client ID	SOUTH PLANT EFFLUENT		180834DUP		
Prep Batch N/A	GCAL ID	20407192905		180961		
	Sample Type	SAMPLE		DUP		
	Analytical Date	07/20/2004 13:10		07/20/2004 13:10		
	Matrix	Water		Water		
EPA 160.2, TSS		Units Result	mg/L RDL	Result	RPD	RPD Limit
C-009	Total Suspended Solids	5	1	5	0	25

General Chemistry Quality Control Summary

Analytical Batch 277374	Client ID	MB277374			LCS277374		
Prep Batch N/A	GCAL ID	180908			180909		
	Sample Type	Method Blank			LCS		
	Analytical Date	07/20/2004 16:53			07/20/2004 16:53		
	Matrix	Water			Water		
HACH 8000 - COD		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
C-004 COD		ND	5.0	75.0	81.1	108	80 - 120

Analytical Batch 277374	Client ID	BORROW PIT 04173193			180311MS		
Prep Batch N/A	GCAL ID	20407153301			180910		
	Sample Type	SAMPLE			MS		
	Analytical Date	07/20/2004 16:54			07/20/2004 16:54		
	Matrix	Water			Water		
HACH 8000 - COD		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
C-004 COD		56.1	5.0	75.0	124	91	75 - 125

Analytical Batch 277374	Client ID	BORROW PIT 04173193		180311DUP		
Prep Batch N/A	GCAL ID	20407153301		180911		
	Sample Type	SAMPLE		DUP		
	Analytical Date	07/20/2004 16:54		07/20/2004 16:54		
	Matrix	Water		Water		
HACH 8000 - COD		Units Result	mg/L RDL	Result	RPD	RPD Limit
C-004 COD		56.1	5.0	48.7	14	25

General Chemistry Quality Control Summary

Analytical Batch 277373	Client ID	MB277373			LCS277373		
Prep Batch N/A	GCAL ID	180903			180904		
	Sample Type	Method Blank			LCS		
	Analytical Date	07/20/2004 12:40			07/20/2004 12:59		
	Matrix	Water			Water		
EPA 5310B TOC		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
C-012	Total Organic Carbon	ND	1.0	50.0	46.1	92	80 - 120

Analytical Batch 277373	Client ID	WATER PIT NPDES 1			180894MS		
Prep Batch N/A	GCAL ID	20407193301			180906		
	Sample Type	SAMPLE			MS		
	Analytical Date	07/20/2004 13:53			07/20/2004 14:27		
	Matrix	Water			Water		
EPA 5310B TOC		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
C-012	Total Organic Carbon	11.3	1.0	50.0	57.5	92	75 - 125

Analytical Batch 277373	Client ID	WATER PIT NPDES 1		180894DUP		
Prep Batch N/A	GCAL ID	20407193301		180905		
	Sample Type	SAMPLE		DUP		
	Analytical Date	07/20/2004 13:53		07/20/2004 14:10		
	Matrix	Water		Water		
EPA 5310B TOC		Units Result	mg/L RDL	Result	RPD	RPD Limit
C-012	Total Organic Carbon	11.3	1.0	11.1	2	25

General Chemistry Quality Control Summary

Analytical Batch 277409		**Client ID**	MB277293			LCS277293			LCSD277293			
Prep Batch 277293		**GCAL ID**	180559			180560			180561			
Prep Method O&G 1664A		**Sample Type**	Method Blank			LCS			LCSD			
		Prep Date	07/20/2004 17:00			07/20/2004 17:00			07/20/2004 17:00			
		Analytical Date	07/21/2004 08:20			07/21/2004 08:20			07/21/2004 08:20			
		Matrix	Water			Water			Water			
EPA 1664A		**Units**	**Result**	mg/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
C-007	Oil and Grease		ND	5.0	40.0	37.7	94	78 - 114	39.1	98	4	20

General Chemistry Quality Control Summary

Analytical Batch 277424	Client ID	MB277394			LCS277394		
Prep Batch 277394	GCAL ID	181008			181009		
Prep Method 420.1	Sample Type	Method Blank			LCS		
	Prep Date	07/21/2004 07:30			07/21/2004 07:30		
	Analytical Date	07/21/2004 10:00			07/21/2004 10:01		
	Matrix	Water			Water		
420.2 - Total Phenolics		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
WET-040 Total Phenolics		ND	0.005	0.100	0.087	86	80 - 120

Analytical Batch 277424	Client ID	IPC INFLUENT			180174MS		
Prep Batch 277394	GCAL ID	20407150902			181010		
Prep Method 420.1	Sample Type	SAMPLE			MS		
	Prep Date	07/21/2004 07:30			07/21/2004 07:30		
	Analytical Date	07/21/2004 10:02			07/21/2004 10:03		
	Matrix	Water			Water		
420.2 - Total Phenolics		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
WET-040 Total Phenolics		0.008	0.005	0.100	0.093	85	75 - 125

Analytical Batch 277424	Client ID	PLANT EFFLUENT		180175DUP		
Prep Batch 277394	GCAL ID	20407150903		181011		
Prep Method 420.1	Sample Type	SAMPLE		DUP		
	Prep Date	07/21/2004 07:30		07/21/2004 07:30		
	Analytical Date	07/21/2004 10:04		07/21/2004 10:05		
	Matrix	Water		Water		
420.2 - Total Phenolics		Units Result	mg/L RDL	Result	RPD	RPD Limit
WET-040 Total Phenolics		0.006	0.005	0.01	50*	25

General Chemistry Quality Control Summary

Analytical Batch 277377	Client ID	WATER PIT NPDES 1		180894DUP		
Prep Batch N/A	GCAL ID	20407193301		180917		
	Sample Type	SAMPLE		DUP		
	Analytical Date	07/20/2004 11:20		07/20/2004 11:20		
	Matrix	Water		Water		
4500 H+B Water - pH		Units Result	pH unit RDL	Result	RPD	RPD Limit
pH	pH	7.11	1.00	7.14	0.4	6

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only: Pisani	4271	204071933	7/21/04
Client Name	Client #	Workorder #	Due Date

Report to:
Client: Michael Pisani & Assoc.
Address: 1100 Poydras #1430
New Orleans LA 70163
Contact: Rob Leslie
Phone: (504) 582-2468
Fax: (504) 582-2470

Bill to:
Client: SAME
Address:
Contact:
Phone:
Fax:

Lab use only:
Custody Seal used ☑ yes ☐ no
in tact ☑ yes ☐ no
Temperature °C 6

P.O. Number: 26-01
Project Name/Number: IM/RA Water Discharge
Sampled By: Robert Leslie 7/20/04

Analytical Requests & Method

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	624 (PEL) 8260 VOCs	Oil & Grease	TOC	COD	Total Phenols (PEL)	Total Metals (1) Lead	8270 SVOCs (2)	TSS	pH	Remarks:	Lab ID
W	7/20/04	0715		X	Water Pit NPDES 1	HCl/Thiosulfate	3	X										7/20
						H_2SO_4	2		X									
						H_2SO_4	1			X	X	X						
						HNO_3	1						X				(1) TOTAL LEAD	1
W	7/20/04	0715		X	Water Pit NPDES 1	None	2			(PEL)				X	X	X	(2)	

Turn Around Time: ☑ 24-48 hrs. ☐ 3 days ☐ 1 week ☐ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	7/20/04	0955
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: (2) Refer to 7/20/04 fax from MP&A to Julie Borne for list of specific analytes.

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

PRESERVATION CHECKLIST / COOLER RECEIPT

Gulf Coast Analytical Laboratories, Inc.

WO:	204071933	**Type:**	M
Desc:		**Report:**	REVIEW_RPT
Work ID:	IM/RA DISCHARGE	**Status:**	WP
Project Seq:	22435	**Created:**	7/20/04 10:47
Client:	4271 - Michael Pisani & Associates	**QA:**	
Profile:	63337 - IM/RA DISC - IM/RA DISCHARGE	**PO:**	

WORKORDER SAMPLES

			pH PRESERVATIVE			VOA HEADSPACE			
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20407193301-1	40	HCL+SS			✓	✓			OK
20407193301-2	LA	NONE			X			X	OK
20407193301-3	LA	H2SO4	✓					X	OK
20407193301-4	LC	H2SO4	✓					X	OK
20407193301-5	OC	HNO3	✓					X	OK
20407193301-6	SC	NONE			X			X	

A = ACCEPTABLE
U = UNACCEPTABLE
N\A = NOT APPLICABLE

COOLER (S) TEMPERATURE (A) U LIMIT = 4C + \ - 2C

MAXIMUM VOLATILE HEADSPACE BUBBLE 6MM

Custody Seal
used [✓] Yes [ ] No
in tact [✓] Yes [ ] No

LABEL(S) VERIFIED MS CUSTODIAN AUK

NELAP CERTIFICATE NUMBER 01955

wP-1 7/30/04

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC.

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 08/05/2004

GCAL Report 204080203

Deliver To	Michael Pisani & Associates 1100 Poydras Suite 1430 New Orleans, LA 70163 (504) 582-2464
Attn	Robert Leslie

Customer Michael Pisani & Associates

Project IM/RA DISCHARGE

CASE NARRATIVE

Client: Michael Pisani & Associates **Report:** 204080203

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

CONVENTIONALS

In the TOC and COD analyses, sample 20408020301 (WP-1) had to be diluted in order to bracket the concentrations within the limits of the calibration curve. This is reflected in the elevated detection limits reported.

In the Phenol analysis for prep batch 277935, the Sample/Duplicate RPD is not applicable due to both concentrations being less then the reporting limit.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reporduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Curtis Ekker

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 204080203

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20408020301	WP-1	Water	07/30/2004 16:00	07/31/2004 11:10
20408020302	TRIP BLANK	Water	07/30/2004 00:00	07/31/2004 11:10

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20408020301	WP-1	Water	07/30/2004 16:00	07/31/2004 11:10

624, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/03/2004 09:58	JCK	278005

CAS#	Parameter	Result	RDL	REG LIMIT	Units
75-34-3	1,1-Dichloroethane	ND	5.00		ug/L
107-06-2	**1,2-Dichloroethane**	**6.52**	**5.00**		**ug/L**
71-43-2	**Benzene**	**28.1**	**5.00**		**ug/L**
75-00-3	Chloroethane	ND	5.00		ug/L
100-41-4	Ethylbenzene	ND	5.00		ug/L
75-09-2	Methylene chloride	ND	10.0		ug/L
127-18-4	Tetrachloroethene	ND	5.00		ug/L
108-88-3	**Toluene**	**22.4**	**5.00**		**ug/L**
75-01-4	Vinyl chloride	ND	5.00		ug/L
1330-20-7	**Xylene (total)**	**33.8**	**10.0**		**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	30	34.6	ug/L	115	78 - 115
1868-53-7	Dibromofluoromethane	30	31.1	ug/L	104	70 - 130
2037-26-5	Toluene d8	30	34	ug/L	113	78 - 127
17060-07-0	1,2-Dichloroethane-d4	30	24.1	ug/L	80	76 - 128

625, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/02/2004 08:00	277970	EPA 625	1	08/03/2004 16:45	JAR3	278078

CAS#	Parameter	Result	RDL	REG LIMIT	Units
122-66-7	1,2 Diphenylhydrazine	ND	10.0		ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	10.0		ug/L
95-50-1	1,2-Dichlorobenzene	ND	10.0		ug/L
541-73-1	1,3-Dichlorobenzene	ND	10.0		ug/L
106-46-7	1,4-Dichlorobenzene	ND	10.0		ug/L
121-14-2	2,4-Dinitrotoluene	ND	10.0		ug/L
606-20-2	2,6-Dinitrotoluene	ND	10.0		ug/L
91-58-7	2-Chloronaphthalene	ND	10.0		ug/L
91-94-1	3,3'-Dichlorobenzidine	ND	20.0		ug/L
7005-72-3	4-Chlorophenyl phenyl ether	ND	10.0		ug/L
83-32-9	**Acenaphthene**	**16.5**	**10.0**		**ug/L**
208-96-8	Acenaphthylene	ND	10.0		ug/L
120-12-7	**Anthracene**	**10.2**	**10.0**		**ug/L**
92-87-5	Benzidine	ND	40.0		ug/L
56-55-3	Benzo(a)anthracene	ND	10.0		ug/L
50-32-8	Benzo(a)pyrene	ND	10.0		ug/L
205-99-2	Benzo(b)fluoranthene	ND	10.0		ug/L
191-24-2	Benzo(g,h,i)perylene	ND	10.0		ug/L
207-08-9	Benzo(k)fluoranthene	ND	10.0		ug/L
111-91-1	Bis(2-Chloroethoxy)methane	ND	10.0		ug/L
111-44-4	Bis(2-Chloroethyl)ether	ND	10.0		ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	ND	10.0		ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	10.0		ug/L
101-55-3	4-Bromophenyl phenyl ether	ND	10.0		ug/L
85-68-7	Butyl benzyl phthalate	ND	10.0		ug/L
218-01-9	Chrysene	ND	10.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20408020301	WP-1	Water	07/30/2004 16:00	07/31/2004 11:10

625, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/02/2004 08:00	277970	EPA 625	1	08/03/2004 16:45	JAR3	278078

CAS#	Parameter	Result	RDL	REG LIMIT	Units
84-74-2	Di-n-butyl phthalate	ND	10.0		ug/L
117-84-0	Di-n-octyl phthalate	ND	10.0		ug/L
53-70-3	Dibenz(a,h)anthracene	ND	10.0		ug/L
84-66-2	Diethyl phthalate	ND	10.0		ug/L
131-11-3	Dimethyl phthalate	ND	10.0		ug/L
206-44-0	**Fluoranthene**	**13.4**	**10.0**		**ug/L**
86-73-7	**Fluorene**	**14.0**	**10.0**		**ug/L**
118-74-1	Hexachlorobenzene	ND	10.0		ug/L
87-68-3	Hexachlorobutadiene	ND	10.0		ug/L
77-47-4	Hexachlorocyclopentadiene	ND	10.0		ug/L
67-72-1	Hexachloroethane	ND	10.0		ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	ND	10.0		ug/L
78-59-1	Isophorone	ND	10.0		ug/L
91-20-3	Naphthalene	ND	10.0		ug/L
98-95-3	Nitrobenzene	ND	10.0		ug/L
85-01-8	Phenanthrene	ND	10.0		ug/L
129-00-0	Pyrene	ND	10.0		ug/L
621-64-7	n-Nitrosodi-n-propylamine	ND	10.0		ug/L
62-75-9	n-Nitrosodimethylamine	ND	10.0		ug/L
86-30-6	n-Nitrosodiphenylamine	ND	10.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.6	ug/L	87	43 - 110
321-60-8	2-Fluorobiphenyl	50	43.9	ug/L	88	16 - 128
1718-51-0	Terphenyl-d14	50	40.8	ug/L	82	47 - 121
4165-62-2	Phenol-d5	100	40.8	ug/L	41	10 - 76
367-12-4	2-Fluorophenol	100	57.4	ug/L	57	24 - 96
118-79-6	2,4,6-Tribromophenol	100	97.6	ug/L	98	19 - 133

200.7 - ICP

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/02/2004 12:30	277982	EPA 200.7	1	08/03/2004 14:50	KSM	278026

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	ND	0.015		mg/L

EPA 160.2, TSS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/02/2004 18:00	LMC	278013

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-009	Total Suspended Solids	20	1		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20408020301	WP-1	Water	07/30/2004 16:00	07/31/2004 11:10

HACH 8000 - COD

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	08/04/2004 08:19	HLO	278095

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-004	COD	192	25.0		mg/L

EPA 5310B TOC

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	08/03/2004 03:24	BMC	277996

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-012	Total Organic Carbon	60.7	5.0		mg/L

EPA 1664A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/02/2004 18:00	278008	O&G 1664A	1	08/03/2004 10:20	AEL	278047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	5.0		mg/L

420.2 - Total Phenolics

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/01/2004 08:00	277935	420.1	5	08/02/2004 16:21	AEL	278000

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-040	Total Phenolics	1.45	0.0250		mg/L

4500 H+B Water - pH

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/31/2004 11:30	OLT	277968

CAS#	Parameter	Result	RDL	REG LIMIT	Units
pH	pH	8.18	1.00	12.5	pH unit

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20408020302	TRIP BLANK	Water	07/30/2004 00:00	07/31/2004 11:10

624, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/02/2004 19:48	JCK	278005

CAS#	Parameter	Result	RDL	REG LIMIT	Units
75-34-3	1,1-Dichloroethane	ND	5.00		ug/L
107-06-2	1,2-Dichloroethane	ND	5.00		ug/L
71-43-2	Benzene	ND	5.00		ug/L
75-00-3	Chloroethane	ND	5.00		ug/L
100-41-4	Ethylbenzene	ND	5.00		ug/L
75-09-2	Methylene chloride	ND	10.0		ug/L
127-18-4	Tetrachloroethene	ND	5.00		ug/L
108-88-3	Toluene	ND	5.00		ug/L
75-01-4	Vinyl chloride	ND	5.00		ug/L
1330-20-7	Xylene (total)	ND	10.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	30	30.9	ug/L	103	78 - 115
1868-53-7	Dibromofluoromethane	30	30.5	ug/L	102	70 - 130
2037-26-5	Toluene d8	30	31.1	ug/L	104	78 - 127
17060-07-0	1,2-Dichloroethane-d4	30	28.4	ug/L	95	76 - 128

RESULTS REPORTED ON A WET WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch 278005	Client ID	MB278005			LCS278005		
Prep Batch N/A	GCAL ID	183920			183921		
	Sample Type	Method Blank			LCS		
	Analytical Date	08/02/2004 16:19			08/02/2004 15:34		
	Matrix	Water			Water		
624, Volatiles		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R
75-34-3	1,1-Dichloroethane	ND	5.00	20.0	20.7	104	73 - 128
107-06-2	1,2-Dichloroethane	ND	5.00	20.0	20.7	104	68 - 132
71-43-2	Benzene	ND	5.00	20.0	20.7	104	64 - 136
75-00-3	Chloroethane	ND	5.00	20.0	17.8	89	38 - 162
100-41-4	Ethylbenzene	ND	5.00	20.0	19.8	99	59 - 141
75-09-2	Methylene chloride	ND	10.0	20.0	23.4	117	61 - 140
127-18-4	Tetrachloroethene	ND	5.00	20.0	19.9	100	74 - 127
108-88-3	Toluene	ND	5.00	20.0	20.0	100	75 - 126
75-01-4	Vinyl chloride	ND	5.00	20.0	20.1	101	4 - 196
1330-20-7	Xylene (total)	ND	10.0	60.0	60.8	101	60 - 140
75-35-4	1,1-Dichloroethene	ND	5.00	20.0	19.6	98	51 - 150
79-01-6	Trichloroethene	ND	5.00	20.0	21.3	107	67 - 134
108-90-7	Chlorobenzene	ND	5.00	20.0	19.6	98	66 - 134
Surrogate							
460-00-4	4-Bromofluorobenzene	29.7	99	30	28.8	96	78 - 115
1868-53-7	Dibromofluoromethane	30.2	101	30	29.6	99	70 - 130
2037-26-5	Toluene d8	30.6	102	30	29.5	98	78 - 127
17060-07-0	1,2-Dichloroethane-d4	29.6	99	30	30.2	101	76 - 128

Analytical Batch 278005	Client ID	OUTFALL 006			183876MS		
Prep Batch N/A	GCAL ID	20408020901			183956		
	Sample Type	SAMPLE			MS		
	Analytical Date	08/02/2004 17:33			08/02/2004 18:58		
	Matrix	Water			Water		
624, Volatiles		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R
75-34-3	1,1-Dichloroethane	0.0000	5.00	20.0	19.4	97	59 - 155
107-06-2	1,2-Dichloroethane	0.0000	5.00	20.0	19.9	100	49 - 155
71-43-2	Benzene	0.0000	5.00	20.0	19.9	100	37 - 151
75-00-3	Chloroethane	0.0000	5.00	20.0	16.1	81	14 - 230
100-41-4	Ethylbenzene	0.0000	5.00	20.0	21.0	105	37 - 162
75-09-2	Methylene chloride	2.70	10.0	20.0	20.3	88	1 - 221

GC/MS Volatiles Quality Control Summary

Analytical Batch 278005	**Client ID**	OUTFALL 006	183876MS
Prep Batch N/A	**GCAL ID**	20408020901	183956
	Sample Type	SAMPLE	MS
	Analytical Date	08/02/2004 17:33	08/02/2004 18:58
	Matrix	Water	Water

624, Volatiles		**Units**	ug/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
127-18-4	Tetrachloroethene	0.0000	5.00	20.0	21.5	108	64 - 148
108-88-3	Toluene	0.0000	5.00	20.0	21.2	106	47 - 150
75-01-4	Vinyl chloride	0.0000	5.00	20.0	18.7	94	1 - 251
75-35-4	1,1-Dichloroethene	0.0000	5.00	20.0	20.2	101	1 - 234
79-01-6	Trichloroethene	0.0000	5.00	20.0	21.1	106	71 - 157
108-90-7	Chlorobenzene	0.0000	5.00	20.0	21.3	107	37 - 160
Surrogate							
460-00-4	4-Bromofluorobenzene			30	31.1	104	78 - 115
1868-53-7	Dibromofluoromethane			30	31	103	70 - 130
2037-26-5	Toluene d8			30	31.1	104	78 - 127
17060-07-0	1,2-Dichloroethane-d4			30	28.6	95	76 - 128

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch 278078	**Client ID**	MB277970	LCS277970
Prep Batch 277970	**GCAL ID**	183767	183768
Prep Method EPA 625	**Sample Type**	Method Blank	LCS
	Prep Date	08/02/2004 08:00	08/02/2004 08:00
	Analytical Date	08/03/2004 16:06	08/03/2004 16:25
	Matrix	Water	Water

625, SemiVolatiles		**Units**	ug/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
122-66-7	1,2 Diphenylhydrazine	ND	10.0	100	82.1	82	
120-82-1	1,2,4-Trichlorobenzene	ND	10.0	100	77.7	78	44 - 142
95-50-1	1,2-Dichlorobenzene	ND	10.0	100	77.5	78	32 - 129
541-73-1	1,3-Dichlorobenzene	ND	10.0	100	71.7	72	1 - 172
106-46-7	1,4-Dichlorobenzene	ND	10.0	100	72.0	72	20 - 124
121-14-2	2,4-Dinitrotoluene	ND	10.0	100	95.5	96	39 - 139
606-20-2	2,6-Dinitrotoluene	ND	10.0	100	95.4	95	50 - 158
91-58-7	2-Chloronaphthalene	ND	10.0	100	85.9	86	60 - 118
91-94-1	3,3'-Dichlorobenzidine	ND	20.0	100	96.1	96	1 - 262
7005-72-3	4-Chlorophenyl phenyl ether	ND	10.0	100	83.9	84	25 - 158
83-32-9	Acenaphthene	ND	10.0	100	88.1	88	47 - 145
208-96-8	Acenaphthylene	ND	10.0	100	92.0	92	33 - 145
120-12-7	Anthracene	ND	10.0	100	91.1	91	27 - 133
92-87-5	Benzidine	ND	40.0	100	44.6	45	1 - 150
56-55-3	Benzo(a)anthracene	ND	10.0	100	87.7	88	33 - 143
50-32-8	Benzo(a)pyrene	ND	10.0	100	96.6	97	17 - 163
205-99-2	Benzo(b)fluoranthene	ND	10.0	100	85.7	86	24 - 159
191-24-2	Benzo(g,h,i)perylene	ND	10.0	100	88.7	89	1 - 219
207-08-9	Benzo(k)fluoranthene	ND	10.0	100	95.7	96	11 - 162
111-91-1	Bis(2-Chloroethoxy)methane	ND	10.0	100	84.6	85	33 - 184
111-44-4	Bis(2-Chloroethyl)ether	ND	10.0	100	79.8	80	12 - 158
108-60-1	Bis(2-Chloroisopropyl)ether	ND	10.0	100	76.9	77	36 - 166
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	10.0	100	88.7	89	8 - 158
101-55-3	4-Bromophenyl phenyl ether	ND	10.0	100	85.0	85	53 - 127
85-68-7	Butyl benzyl phthalate	ND	10.0	100	84.0	84	1 - 152
218-01-9	Chrysene	ND	10.0	98.0	89.1	91	17 - 168
84-74-2	Di-n-butyl phthalate	ND	10.0	100	89.6	90	1 - 118
117-84-0	Di-n-octyl phthalate	ND	10.0	100	81.2	81	4 - 146
53-70-3	Dibenz(a,h)anthracene	ND	10.0	100	92.3	92	1 - 227
84-66-2	Diethyl phthalate	ND	10.0	100	91.0	91	1 - 114
131-11-3	Dimethyl phthalate	ND	10.0	100	89.8	90	1 - 112
206-44-0	Fluoranthene	ND	10.0	100	91.7	92	26 - 137

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch 278078	**Client ID**	MB277970		LCS277970
Prep Batch 277970	**GCAL ID**	183767		183768
Prep Method EPA 625	**Sample Type**	Method Blank		LCS
	Prep Date	08/02/2004 08:00		08/02/2004 08:00
	Analytical Date	08/03/2004 16:06		08/03/2004 16:25
	Matrix	Water		Water

625, SemiVolatiles		**Units**	ug/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
86-73-7	Fluorene	ND	10.0	100	89.7	90	59 - 121
118-74-1	Hexachlorobenzene	ND	10.0	100	91.6	92	1 - 152
87-68-3	Hexachlorobutadiene	ND	10.0	100	75.5	76	24 - 116
77-47-4	Hexachlorocyclopentadiene	ND	10.0	100	53.6	54	1 - 118
67-72-1	Hexachloroethane	ND	10.0	100	70.0	70	40 - 113
193-39-5	Indeno(1,2,3-cd)pyrene	ND	10.0	100	93.3	93	1 - 171
78-59-1	Isophorone	ND	10.0	100	93.7	94	21 - 196
91-20-3	Naphthalene	ND	10.0	100	82.0	82	21 - 133
98-95-3	Nitrobenzene	ND	10.0	100	89.2	89	35 - 180
85-01-8	Phenanthrene	ND	10.0	100	89.7	90	54 - 120
129-00-0	Pyrene	ND	10.0	100	91.2	91	52 - 115
621-64-7	n-Nitrosodi-n-propylamine	ND	10.0	100	85.0	85	1 - 230
62-75-9	n-Nitrosodimethylamine	ND	10.0	100	52.0	52	20 - 120
86-30-6	n-Nitrosodiphenylamine	ND	10.0	98.0	86.8	89	20 - 120
Surrogate							
4165-60-0	Nitrobenzene-d5	40.9	82	50	43.1	86	43 - 110
321-60-8	2-Fluorobiphenyl	41.7	83	50	45	90	16 - 128
1718-51-0	Terphenyl-d14	47.6	95	50	49.3	99	47 - 121
4165-62-2	Phenol-d5	40.2	40	100	42.1	42	10 - 76
367-12-4	2-Fluorophenol	55.2	55	100	55.8	56	24 - 96
118-79-6	2,4,6-Tribromophenol	83.4	83	100	86.3	86	19 - 133

Inorganics Quality Control Summary

Analytical Batch 278026	**Client ID**	MB277982			LCS277982		
Prep Batch 277982	**GCAL ID**	183807			183808		
Prep Method EPA 200.7	**Sample Type**	Method Blank			LCS		
	Prep Date	08/02/2004 12:30			08/02/2004 12:30		
	Analytical Date	08/03/2004 14:36			08/03/2004 14:43		
	Matrix	Water			Water		
200.7 - ICP		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-92-1 Lead		ND	0.015	0.50	0.51	103	85 - 115

Analytical Batch 278026	**Client ID**	WP-1			183760MS		
Prep Batch 277982	**GCAL ID**	20408020301			183810		
Prep Method EPA 200.7	**Sample Type**	SAMPLE			MS		
	Prep Date	08/02/2004 12:30			08/02/2004 12:30		
	Analytical Date	08/03/2004 14:50			08/03/2004 15:04		
	Matrix	Water			Water		
200.7 - ICP		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-92-1 Lead		0.0	0.015	0.50	0.51	101	70 - 130

Analytical Batch 278026	**Client ID**	WP-1		183760DUP		
Prep Batch 277982	**GCAL ID**	20408020301		183809		
Prep Method EPA 200.7	**Sample Type**	SAMPLE		DUP		
	Prep Date	08/02/2004 12:30		08/02/2004 12:30		
	Analytical Date	08/03/2004 14:50		08/03/2004 14:57		
	Matrix	Water		Water		
200.7 - ICP		**Units**	mg/L	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
7439-92-1 Lead		0.0	0.015	0.0	0	20

General Chemistry Quality Control Summary

Analytical Batch 278013	Client ID	MB278013			LCS278013		
Prep Batch N/A	GCAL ID	183951			183952		
	Sample Type	Method Blank			LCS		
	Analytical Date	08/02/2004 18:00			08/02/2004 18:00		
	Matrix	Water			Water		
EPA 160.2, TSS		Units	mg/L	Spike	Result		Control
		Result	RDL	Added		% R	Limits % R
C-009 Total Suspended Solids		ND	1	50	50	100	80 - 120

Analytical Batch 278013	Client ID	UCAR OF 001		UCAR OF 001 DUP		
Prep Batch N/A	GCAL ID	20408022701		20408022704		
	Sample Type	SAMPLE		DUP		
	Analytical Date	08/02/2004 18:00		08/02/2004 18:00		
	Matrix	Water		Water		
EPA 160.2, TSS		Units	mg/L	Result		RPD
		Result	RDL		RPD	Limit
C-009 Total Suspended Solids		0	1	0	0	25

General Chemistry Quality Control Summary

Analytical Batch 278095	Client ID	MB278095			LCS278095		
Prep Batch N/A	GCAL ID	184228			184229		
	Sample Type	Method Blank			LCS		
	Analytical Date	08/04/2004 08:16			08/04/2004 08:16		
	Matrix	Water			Water		
HACH 8000 - COD		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
C-004 COD		ND	5.0	75.0	78.9	105	80 - 120

Analytical Batch 278095	Client ID	WP-1			183760MS		
Prep Batch N/A	GCAL ID	20408020301			184231		
	Sample Type	SAMPLE			MS		
	Analytical Date	08/04/2004 08:19			08/04/2004 08:19		
	Matrix	Water			Water		
HACH 8000 - COD		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
C-004 COD		192	25.0	375	629	117	75 - 125

Analytical Batch 278095	Client ID	WP-1		183760DUP		
Prep Batch N/A	GCAL ID	20408020301		184230		
	Sample Type	SAMPLE		DUP		
	Analytical Date	08/04/2004 08:19		08/04/2004 08:19		
	Matrix	Water		Water		
HACH 8000 - COD		Units Result	mg/L RDL	Result	RPD	RPD Limit
C-004 COD		192	25.0	196	2	25

General Chemistry Quality Control Summary

Analytical Batch 277996	Client ID	MB277996			LCS277996		
Prep Batch N/A	GCAL ID	183888			183889		
	Sample Type	Method Blank			LCS		
	Analytical Date	08/03/2004 10:53			08/02/2004 20:51		
	Matrix	Water			Water		
EPA 5310B TOC		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
C-012	Total Organic Carbon	ND	1.0	50.0	49.3	99	80 - 120

Analytical Batch 277996	Client ID	UCAR OF 001			UCAR OF 001 MS			UCAR OF 001 MSD			
Prep Batch N/A	GCAL ID	20408022701			20408022702			20408022703			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	08/03/2004 11:21			08/03/2004 11:44			08/03/2004 12:06			
	Matrix	Water			Water			Water			
EPA 5310B TOC		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
C-012	Total Organic Carbon	7.4	1.0	50.0	60.9	107	75 - 125	62.3	110	2	

General Chemistry Quality Control Summary

Analytical Batch 278047	**Client ID**	MB278008			LCS278008			LCSD278008			
Prep Batch 278008	**GCAL ID**	183931			183932			183933			
Prep Method O&G 1664A	**Sample Type**	Method Blank			LCS			LCSD			
	Prep Date	08/02/2004 18:00			08/02/2004 18:00			08/02/2004 18:00			
	Analytical Date	08/03/2004 10:20			08/03/2004 10:20			08/03/2004 10:20			
	Matrix	Water			Water			Water			
EPA 1664A		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
C-007 Oil and Grease		ND	5.0	40.0	34.5	86	78 - 114	33.4	84	3	20

Analytical Batch 278047	**Client ID**	UCAR OF 001			UCAR OF 001 MS			UCAR OF 001 MSD			
Prep Batch 278008	**GCAL ID**	20408022701			20408022702			20408022703			
Prep Method O&G 1664A	**Sample Type**	SAMPLE			MS			MSD			
	Prep Date	08/02/2004 18:00			08/02/2004 18:00			08/02/2004 18:00			
	Analytical Date	08/03/2004 10:20			08/03/2004 10:20			08/03/2004 10:20			
	Matrix	Water			Water			Water			
EPA 1664A		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
C-007 Oil and Grease		0.0	5.1	40.8	34.4	84	78 - 114	35.2	86	2	20

General Chemistry Quality Control Summary

Analytical Batch 278000	**Client ID**	MB277935			LCS277935		
Prep Batch 277935	**GCAL ID**	183642			183643		
Prep Method 420.1	**Sample Type**	Method Blank			LCS		
	Prep Date	08/01/2004 08:00			08/01/2004 08:00		
	Analytical Date	08/02/2004 15:17			08/02/2004 16:20		
	Matrix	Water			Water		
420.2 - Total Phenolics		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
WET-040 Total Phenolics		ND	0.0050	0.1000	0.0813	81	80 - 120

Analytical Batch 278000	**Client ID**	MW-31R			183546MS		
Prep Batch 277935	**GCAL ID**	20407310121			183644		
Prep Method 420.1	**Sample Type**	SAMPLE			MS		
	Prep Date	08/01/2004 08:00			08/01/2004 08:00		
	Analytical Date	08/02/2004 15:19			08/02/2004 15:20		
	Matrix	Water			Water		
420.2 - Total Phenolics		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
WET-040 Total Phenolics		0.0080	0.0050	0.1000	0.1010	93	75 - 125

Analytical Batch 278000	**Client ID**	MW-32R		183547DUP		
Prep Batch 277935	**GCAL ID**	20407310122		183645		
Prep Method 420.1	**Sample Type**	SAMPLE		DUP		
	Prep Date	08/01/2004 08:00		08/01/2004 08:00		
	Analytical Date	08/02/2004 15:22		08/02/2004 15:23		
	Matrix	Water		Water		
420.2 - Total Phenolics		**Units**	mg/L	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
WET-040 Total Phenolics		0.0007	0.0050	0.0005	33*	25

General Chemistry Quality Control Summary

Analytical Batch 277968	**Client ID**	WP-1		183760DUP		
Prep Batch N/A	**GCAL ID**	20408020301		183762		
	Sample Type	SAMPLE		DUP		
	Analytical Date	07/31/2004 11:30		07/31/2004 11:30		
	Matrix	Water		Water		
4500 H+B Water - pH		**Units**	pH unit	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
pH	pH	8.18	1.00	8.15	0.4	6

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only	Client Name	Client #	Workorder #	Due Date
	Pisani + Assoc	4271	204080203	8/3/04

Report to:

Client: MICHAEL PISANI + ASSOC.
Address: 1100 POYDRAS AVE. #1430
NEW ORLEANS, LA 70163
Contact: BOB LESLIE
Phone: 504.582.2468
Fax: 504.582.2470

Bill to:

Client:
Address:
Contact: SAME
Phone:
Fax:

P.O. Number:
Project Name/Number: SBA SHIPYARD / 26.01

Sampled By: BRAD BLALOCK Brad Blalock

Analytical Requests & Method

Lab use only:
Custody Seal used ☐ yes ☑ no
in tact ☐ yes ☐ no
Temperature °C 2

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	O&G	TOC	TOTAL LEAD	VOC'S	SVOC'S	COD, TOTALS PHENOLS	TSS, pH Anik				Remarks:	Lab ID
W	07/30/04	1100	✓		WP-1		10	X	X	X	X	X	X	X					8/2 - 1
W	07/30/04				TRP BLANK		3				X								2

Turn Around Time: ☑ 24-48 hrs. ☐ 3 days ☐ 1 week ☐ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Brad Blalock	M Mitchell	7-31-04	1210
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

PRESERVATION CHECKLIST / COOLER RECEIPT

Gulf Coast Analytical Laboratories, Inc.

WO:	204080203	**Type:**	M
Desc:		**Report:**	REVIEW_RPT
Work ID:	IM/RA DISCHARGE	**Status:**	WP
Project Seq:	22736	**Created:**	8/2/04 8:29
Client:	4271 - Michael Pisani & Associates	**QA:**	
Profile:	63337 - IM/RA DISC - IM/RA DISCHARGE	**PO:**	

WORKORDER SAMPLES

			pH PRESERVATIVE			VOA HEADSPACE			
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20408020301-1	40	HCL+SS			✓	✓			OK
20408020301-2	LA	NONE			X			X	OK
20408020301-3	LA	H2SO4	✓					X	OK
20408020301-4	LC	H2SO4	✓					X	OK
20408020301-5	OC	HNO3	✓					X	OK
20408020301-6	8	NONE			X			X	OK

Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20408020302-1	40	HCL+SS			✓	✓			OK

A = ACCEPTABLE
U = UNACCEPTABLE
N\A = NOT APPLICABLE

COOLER (S) TEMPERATURE A U LIMIT = 4C + \ - 2C

MAXIMUM VOLATILE HEADSPACE BUBBLE 6MM

Custody Seal
used [ ] Yes [ ] No
in tact [ ] Yes [ ] No

LABEL(S) VERIFIED MA CUSTODIAN

NELAP CERTIFICATE NUMBER 01955
wp-1 8/5/04

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC.

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 08/10/2004

GCAL Report 204080507

Deliver To	Michael Pisani & Associates 1100 Poydras Suite 1430 New Orleans, LA 70163 (504) 582-2464
Attn	Robert Leslie

Customer Michael Pisani & Associates

Project IM/RA DISCHARGE

CASE NARRATIVE

Client: Michael Pisani & Associates **Report:** 204080507

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

SEMI-VOLATILES MASS SPECTROMETRY

In prep batch 278227, the LCS recovery for Benzidine was above the upper control limit. This compound was not detected in the associated sample.

CONVENTIONALS

In the COD and Total Phenolics analysis, sample 20408050701 (WP-1) had to be diluted in order to bracket the concentrations within the limits of the calibration curve. This is reflected in the elevated detection limits reported.

In the Total Phenolics analysis for prep batch 278268, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD recoveries and RPDs were acceptable.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reporduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 204080507

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20408050701	WP-1	Water	08/05/2004 07:30	08/05/2004 10:27

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20408050701	WP-1	Water	08/05/2004 07:30	08/05/2004 10:27

624, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/05/2004 14:36	MEF	278230

CAS#	Parameter	Result	RDL	REG LIMIT	Units
75-34-3	**1,1-Dichloroethane**	**5.58**	**5.00**		**ug/L**
107-06-2	**1,2-Dichloroethane**	**14.4**	**5.00**		**ug/L**
71-43-2	**Benzene**	**36.8**	**5.00**		**ug/L**
75-00-3	Chloroethane	ND	5.00		ug/L
100-41-4	Ethylbenzene	ND	5.00		ug/L
75-09-2	Methylene chloride	ND	10.0		ug/L
127-18-4	Tetrachloroethene	ND	5.00		ug/L
108-88-3	**Toluene**	**22.5**	**5.00**		**ug/L**
75-01-4	**Vinyl chloride**	**7.84**	**5.00**		**ug/L**
1330-20-7	**Xylene (total)**	**23.6**	**10.0**		**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	30	24.7	ug/L	82	78 - 115
1868-53-7	Dibromofluoromethane	30	23	ug/L	77	70 - 130
2037-26-5	Toluene d8	30	26.6	ug/L	89	78 - 127
17060-07-0	1,2-Dichloroethane-d4	30	27.3	ug/L	91	76 - 128

625, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/05/2004 09:00	278227	EPA 625	1	08/05/2004 13:55	JAR3	278257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
122-66-7	1,2 Diphenylhydrazine	ND	10.0		ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	10.0		ug/L
95-50-1	1,2-Dichlorobenzene	ND	10.0		ug/L
541-73-1	1,3-Dichlorobenzene	ND	10.0		ug/L
106-46-7	1,4-Dichlorobenzene	ND	10.0		ug/L
121-14-2	2,4-Dinitrotoluene	ND	10.0		ug/L
606-20-2	2,6-Dinitrotoluene	ND	10.0		ug/L
91-58-7	2-Chloronaphthalene	ND	10.0		ug/L
91-94-1	3,3'-Dichlorobenzidine	ND	20.0		ug/L
7005-72-3	4-Chlorophenyl phenyl ether	ND	10.0		ug/L
83-32-9	**Acenaphthene**	**30.2**	**10.0**		**ug/L**
208-96-8	Acenaphthylene	ND	10.0		ug/L
120-12-7	**Anthracene**	**25.1**	**10.0**		**ug/L**
92-87-5	Benzidine	ND	40.0		ug/L
56-55-3	Benzo(a)anthracene	ND	10.0		ug/L
50-32-8	Benzo(a)pyrene	ND	10.0		ug/L
205-99-2	Benzo(b)fluoranthene	ND	10.0		ug/L
191-24-2	Benzo(g,h,i)perylene	ND	10.0		ug/L
207-08-9	Benzo(k)fluoranthene	ND	10.0		ug/L
111-91-1	Bis(2-Chloroethoxy)methane	ND	10.0		ug/L
111-44-4	Bis(2-Chloroethyl)ether	ND	10.0		ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	ND	10.0		ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	10.0		ug/L
101-55-3	4-Bromophenyl phenyl ether	ND	10.0		ug/L
85-68-7	Butyl benzyl phthalate	ND	10.0		ug/L
218-01-9	Chrysene	ND	10.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20408050701	WP-1	Water	08/05/2004 07:30	08/05/2004 10:27

625, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/05/2004 09:00	278227	EPA 625	1	08/05/2004 13:55	JAR3	278257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
84-74-2	Di-n-butyl phthalate	ND	10.0		ug/L
117-84-0	Di-n-octyl phthalate	ND	10.0		ug/L
53-70-3	Dibenz(a,h)anthracene	ND	10.0		ug/L
84-66-2	Diethyl phthalate	ND	10.0		ug/L
131-11-3	Dimethyl phthalate	ND	10.0		ug/L
206-44-0	**Fluoranthene**	**18.8**	**10.0**		**ug/L**
86-73-7	Fluorene	ND	10.0		ug/L
118-74-1	Hexachlorobenzene	ND	10.0		ug/L
87-68-3	Hexachlorobutadiene	ND	10.0		ug/L
77-47-4	Hexachlorocyclopentadiene	ND	10.0		ug/L
67-72-1	Hexachloroethane	ND	10.0		ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	ND	10.0		ug/L
78-59-1	Isophorone	ND	10.0		ug/L
91-20-3	Naphthalene	ND	10.0		ug/L
98-95-3	Nitrobenzene	ND	10.0		ug/L
85-01-8	**Phenanthrene**	**51.6**	**10.0**		**ug/L**
129-00-0	**Pyrene**	**10.4**	**10.0**		**ug/L**
621-64-7	n-Nitrosodi-n-propylamine	ND	10.0		ug/L
62-75-9	n-Nitrosodimethylamine	ND	10.0		ug/L
86-30-6	n-Nitrosodiphenylamine	ND	10.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.2	ug/L	86	43 - 110
321-60-8	2-Fluorobiphenyl	50	42.5	ug/L	85	16 - 128
1718-51-0	Terphenyl-d14	50	41.8	ug/L	84	47 - 121
4165-62-2	Phenol-d5	100	29.8	ug/L	30	10 - 76
367-12-4	2-Fluorophenol	100	41.2	ug/L	41	24 - 96
118-79-6	2,4,6-Tribromophenol	100	91.7	ug/L	92	19 - 133

HACH 8000 - COD

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	08/06/2004 14:42	HLO	278220

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-004	**COD**	**263**	**10.0**		**mg/L**

420.2 - Total Phenolics

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/05/2004 16:00	278268	420.1	10	08/06/2004 10:36	BMC	278289

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-040	**Total Phenolics**	**2.44**	**0.0500**		**mg/L**

RESULTS REPORTED ON A WET WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch 278230	Client ID	MB278230			LCS278230		
Prep Batch N/A	GCAL ID	184556			184557		
	Sample Type	Method Blank			LCS		
	Analytical Date	08/05/2004 10:45			08/05/2004 10:24		
	Matrix	Water			Water		
624, Volatiles		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R
75-34-3	1,1-Dichloroethane	ND	5.00	20.0	20.1	101	73 - 128
107-06-2	1,2-Dichloroethane	ND	5.00	20.0	20.3	102	68 - 132
71-43-2	Benzene	ND	5.00	20.0	20.1	101	64 - 136
75-00-3	Chloroethane	ND	5.00	20.0	22.2	111	38 - 162
100-41-4	Ethylbenzene	ND	5.00	20.0	21.1	106	59 - 141
75-09-2	Methylene chloride	ND	10.0	20.0	22.1	111	61 - 140
127-18-4	Tetrachloroethene	ND	5.00	20.0	21.9	110	74 - 127
108-88-3	Toluene	ND	5.00	20.0	20.7	104	75 - 126
75-01-4	Vinyl chloride	ND	5.00	20.0	20.1	101	4 - 196
1330-20-7	Xylene (total)	ND	10.0	60.0	64.7	108	60 - 140
75-35-4	1,1-Dichloroethene	ND	5.00	20.0	19.8	99	51 - 150
79-01-6	Trichloroethene	ND	5.00	20.0	23.6	118	67 - 134
108-90-7	Chlorobenzene	ND	5.00	20.0	20.9	105	66 - 134
Surrogate							
460-00-4	4-Bromofluorobenzene	27.7	92	30	28.5	95	78 - 115
1868-53-7	Dibromofluoromethane	29.3	98	30	27.4	91	70 - 130
2037-26-5	Toluene d8	28.3	94	30	28.9	96	78 - 127
17060-07-0	1,2-Dichloroethane-d4	31.2	104	30	27.4	91	76 - 128

Analytical Batch 278230	Client ID	GT302 INLET			184373MS		
Prep Batch N/A	GCAL ID	20408041901			184764		
	Sample Type	SAMPLE			MS		
	Analytical Date	08/05/2004 11:24			08/05/2004 14:14		
	Matrix	Water			Water		
624, Volatiles		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R
71-43-2	Benzene	0.593	5.00	20.0	22.6	110	37 - 151
100-41-4	Ethylbenzene	0.0000	5.00	20.0	19.6	98	37 - 162
108-88-3	Toluene	0.0000	5.00	20.0	19.3	97	47 - 150
1330-20-7	Xylene (total)	0.0000	10.0	60.0	57.8	96	40 - 170
Surrogate							
460-00-4	4-Bromofluorobenzene			30	24.6	82	78 - 115

GC/MS Volatiles Quality Control Summary

Analytical Batch 278230	**Client ID**	GT302 INLET	184373MS
Prep Batch N/A	**GCAL ID**	20408041901	184764
	Sample Type	SAMPLE	MS
	Analytical Date	08/05/2004 11:24	08/05/2004 14:14
	Matrix	Water	Water

624, Volatiles		**Units** ug/L **Result**	**RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**
1868-53-7	Dibromofluoromethane			30	28.2	94	70 - 130
2037-26-5	Toluene d8			30	25.8	86	78 - 127
17060-07-0	1,2-Dichloroethane-d4			30	33.8	113	76 - 128

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch 278257	**Client ID**	MB278227		LCS278227
Prep Batch 278227	**GCAL ID**	184548		184549
Prep Method EPA 625	**Sample Type**	Method Blank		LCS
	Prep Date	08/05/2004 09:00		08/05/2004 09:00
	Analytical Date	08/05/2004 12:36		08/05/2004 12:55
	Matrix	Water		Water

625, SemiVolatiles		**Units**	ug/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
122-66-7	1,2 Diphenylhydrazine	ND	10.0	100	83.7	84	60 - 120
120-82-1	1,2,4-Trichlorobenzene	ND	10.0	100	66.5	67	44 - 142
95-50-1	1,2-Dichlorobenzene	ND	10.0	100	65.5	66	32 - 129
541-73-1	1,3-Dichlorobenzene	ND	10.0	100	62.1	62	1 - 172
106-46-7	1,4-Dichlorobenzene	ND	10.0	100	63.2	63	20 - 124
121-14-2	2,4-Dinitrotoluene	ND	10.0	100	89.0	89	39 - 139
606-20-2	2,6-Dinitrotoluene	ND	10.0	100	90.8	91	50 - 158
91-58-7	2-Chloronaphthalene	ND	10.0	100	80.8	81	60 - 118
91-94-1	3,3'-Dichlorobenzidine	ND	20.0	100	106	106	1 - 262
7005-72-3	4-Chlorophenyl phenyl ether	ND	10.0	100	80.6	81	25 - 158
83-32-9	Acenaphthene	ND	10.0	100	83.1	83	47 - 145
208-96-8	Acenaphthylene	ND	10.0	100	88.7	89	33 - 145
120-12-7	Anthracene	ND	10.0	100	91.0	91	27 - 133
92-87-5	Benzidine	ND	40.0	100	326	326*	1 - 150
56-55-3	Benzo(a)anthracene	ND	10.0	100	91.3	91	33 - 143
50-32-8	Benzo(a)pyrene	ND	10.0	100	97.7	98	17 - 163
205-99-2	Benzo(b)fluoranthene	ND	10.0	100	91.7	92	24 - 159
191-24-2	Benzo(g,h,i)perylene	ND	10.0	100	97.0	97	1 - 219
207-08-9	Benzo(k)fluoranthene	ND	10.0	100	89.9	90	11 - 162
111-91-1	Bis(2-Chloroethoxy)methane	ND	10.0	100	83.6	84	33 - 184
111-44-4	Bis(2-Chloroethyl)ether	ND	10.0	100	78.6	79	12 - 158
108-60-1	Bis(2-Chloroisopropyl)ether	ND	10.0	100	74.4	74	36 - 166
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	10.0	100	87.4	87	8 - 158
101-55-3	4-Bromophenyl phenyl ether	ND	10.0	100	88.4	88	53 - 127
85-68-7	Butyl benzyl phthalate	ND	10.0	100	89.9	90	1 - 152
218-01-9	Chrysene	ND	10.0	98.0	92.5	94	17 - 168
84-74-2	Di-n-butyl phthalate	ND	10.0	100	89.1	89	1 - 118
117-84-0	Di-n-octyl phthalate	ND	10.0	100	86.8	87	4 - 146
53-70-3	Dibenz(a,h)anthracene	ND	10.0	100	97.6	98	1 - 227
84-66-2	Diethyl phthalate	ND	10.0	100	84.7	85	1 - 114
131-11-3	Dimethyl phthalate	ND	10.0	100	84.1	84	1 - 112
206-44-0	Fluoranthene	ND	10.0	100	88.3	88	26 - 137

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch 278257	**Client ID**	MB278227		LCS278227
Prep Batch 278227	**GCAL ID**	184548		184549
Prep Method EPA 625	**Sample Type**	Method Blank		LCS
	Prep Date	08/05/2004 09:00		08/05/2004 09:00
	Analytical Date	08/05/2004 12:36		08/05/2004 12:55
	Matrix	Water		Water

625, SemiVolatiles		**Units**	ug/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
86-73-7	Fluorene	ND	10.0	100	85.8	86	59 - 121
118-74-1	Hexachlorobenzene	ND	10.0	100	92.8	93	1 - 152
87-68-3	Hexachlorobutadiene	ND	10.0	100	55.8	56	24 - 116
77-47-4	Hexachlorocyclopentadiene	ND	10.0	100	58.1	58	1 - 118
67-72-1	Hexachloroethane	ND	10.0	100	56.0	56	40 - 113
193-39-5	Indeno(1,2,3-cd)pyrene	ND	10.0	100	97.1	97	1 - 171
78-59-1	Isophorone	ND	10.0	100	92.2	92	21 - 196
91-20-3	Naphthalene	ND	10.0	100	74.2	74	21 - 133
98-95-3	Nitrobenzene	ND	10.0	100	86.2	86	35 - 180
85-01-8	Phenanthrene	ND	10.0	100	90.2	90	54 - 120
129-00-0	Pyrene	ND	10.0	100	93.1	93	52 - 115
621-64-7	n-Nitrosodi-n-propylamine	ND	10.0	100	82.2	82	1 - 230
62-75-9	n-Nitrosodimethylamine	ND	10.0	100	52.2	52	20 - 120
86-30-6	n-Nitrosodiphenylamine	ND	10.0	98.0	88.5	90	20 - 120
Surrogate							
4165-60-0	Nitrobenzene-d5	39.7	79	50	43.1	86	43 - 110
321-60-8	2-Fluorobiphenyl	40.1	80	50	44.6	89	16 - 128
1718-51-0	Terphenyl-d14	47.8	96	50	50.4	101	47 - 121
4165-62-2	Phenol-d5	34.3	34	100	36.4	36	10 - 76
367-12-4	2-Fluorophenol	48.1	48	100	51.7	52	24 - 96
118-79-6	2,4,6-Tribromophenol	84.6	85	100	80.1	80	19 - 133

General Chemistry Quality Control Summary

Analytical Batch 278220	Client ID	MB278220			LCS278220		
Prep Batch N/A	GCAL ID	184521			184522		
	Sample Type	Method Blank			LCS		
	Analytical Date	08/06/2004 09:17			08/06/2004 09:17		
	Matrix	Water			Water		
HACH 8000 - COD		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
C-004 COD		ND	5.0	75.0	75.5	101	80 - 120

Analytical Batch 278220	Client ID	PLANT EFF (COMP)			184128MS		
Prep Batch N/A	GCAL ID	20408030901			184530		
	Sample Type	SAMPLE			MS		
	Analytical Date	08/06/2004 09:23			08/06/2004 09:26		
	Matrix	Water			Water		
HACH 8000 - COD		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
C-004 COD		0.0	5.0	75.0	74.6	99	75 - 125

Analytical Batch 278220	Client ID	PLANT EFF (COMP)		184128DUP		
Prep Batch N/A	GCAL ID	20408030901		184529		
	Sample Type	SAMPLE		DUP		
	Analytical Date	08/06/2004 09:23		08/06/2004 09:24		
	Matrix	Water		Water		
HACH 8000 - COD		Units Result	mg/L RDL	Result	RPD	RPD Limit
C-004 COD		0.0	5.0	0.0	0	25

General Chemistry Quality Control Summary

Analytical Batch 278289	**Client ID**	MB278268			LCS278268			LCSD278268			
Prep Batch 278268	**GCAL ID**	184858			184859			184860			
Prep Method 420.1	**Sample Type**	Method Blank			LCS			LCSD			
	Prep Date	08/05/2004 16:00			08/05/2004 16:00			08/05/2004 16:00			
	Analytical Date	08/06/2004 10:32			08/06/2004 10:34			08/06/2004 10:35			
	Matrix	Water			Water			Water			
420.2 - Total Phenolics		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
WET-040 Total Phenolics		ND	0.0050	0.1000	0.0874	87	80 - 120	0.0882	88	0.9	25

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only	Client Name	Client #	Workorder #	Due Date
	Pisani	4271	2040805 07	8/6/04

Report to:
Client: Michael Pisani + Assoc.
Address: 1100 Poydras Ave. #430
New Orleans, LA. 70163
Contact: Rob Leslie
Phone: 504.582.2468
Fax: 504.582.2470

Bill to:
Client:
Address:
SAME
Contact:
Phone:
Fax:

P.O. Number:
Project Name/Number: SBA Shipyard / 26.01
Sampled By: Brad Schlock

Analytical Requests & Method

Lab use only:
Custody Seal used ☐ yes ☑ no
in tact ☐ yes ☐ no
Temperature °C 5

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	VOC's	SVOCs	TOTAL PHENOLS, COD	Remarks:	Lab ID
												815
W	8/5/04	0730	-		WP-1	ice	6	3	2	1		-1

Turn Around Time: ☑ 24-48 hrs. ☐ 3 days ☑ 1 week ☐ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	8/5/04	1027
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

PRESERVATION CHECKLIST / COOLER RECEIPT

Gulf Coast Analytical Laboratories, Inc.

WO:	204080507	**Type:**	M
Desc:		**Report:**	REVIEW_RPT
Work ID:	IM/RA DISCHARGE	**Status:**	WP
Project Seq:	22848	**Created:**	8/5/04 10:34
Client:	4271 - Michael Pisani & Associates	**QA:**	
Profile:	63337 - IM/RA DISC - IM/RA DISCHARGE	**PO:**	

WORKORDER SAMPLES

			pH PRESERVATIVE			VOA HEADSPACE			
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20408050701-1	40	HCL+SS			✓	✓			OK
20408050701-2	LA	NONE			X			X	OK
20408050701-3	LC	H2SO4	✓					X	OK

A = ACCEPTABLE
U = UNACCEPTABLE
N\A = NOT APPLICABLE

COOLER (S) TEMPERATURE (A) U LIMIT = 4C + \ - 2C

MAXIMUM VOLATILE HEADSPACE BUBBLE 6MM

Custody Seal
used [ ] Yes [✓] No
in tact [ ] Yes [ ] No

LABEL(S) VERIFIED MR CUSTODIAN Alex

WP-1 8/9

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Lafayette, LA 70508-3344
Telephone (337) 235-0483

P.O. Box 81816
Lafayette, LA 70598-1816
Fax (337) 233-6540
(800) 737-2378

Rob Leslie
Michael Pisani & Associates
1100 Poydras Street, Suite 1430
New Orleans, LA 70163
TEL: (504) 582-2468
FAX (504) 582-2470

August 11, 2004
Order No.: L04080320

RE: SBA Shipyards

Dear Rob Leslie:

Sherry Laboratories/Louisiana received 1 sample on 8/9/04 for the analyses presented in the following report.

In accordance with your instructions, Sherry Laboratories/Louisiana conducted the analysis shown on the following pages on samples submitted by your company. The results related only to the items tested. Unless otherwise noted, all analyses were conducted using EPA approved methodologies. All relevant sampling information is on the attached Chain-of-Custody form. A "#" by the test method indicates this parameter is outside the scope of accreditation. SUB as the analyst indicates subcontracted work.

All soil samples except 29-B data are on a wet-weight basis unless otherwise indicated.

Louisiana Certification/Accreditation: 01997

A scope of Certified/Accredited parameters is available upon request.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Jerry Landry

Approved By: _____

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Lafayette LA 70508-3344
(337) 235-0483

P O Box 81816
Lafayette LA 70598-1816
Fax: (337) 233-6540
(800) 737-2378

CLIENT:	Michael Pisani & Associates	**Client Sample ID:**	WP 1
Lab Order:	L04080320	**Tag Number:**	Project# 26.01
Project:	SBA Shipyards	**Collection Date:**	8/9/04 9:00:00 AM
Lab ID:	L04080320-01A	**Matrix:**	WATER
Date Received:	09-Aug-04	**Date Reported:**	11-Aug-04

Analyses	Result	Detection Limit	Qual	Units	Date Analyzed	Analyst
PURGEABLES	**E624**					**TS**
1,1-Dichloroethane	< 5.00	5.00		µg/L	8/9/04 1:20:00 PM	
1,2-Dichloroethane	7.03	5.00		µg/L	8/9/04 1:20:00 PM	
Benzene	< 5.00	5.00		µg/L	8/9/04 1:20:00 PM	
Chloroethane	< 10.0	10.0		µg/L	8/9/04 1:20:00 PM	
Ethylbenzene	< 5.00	5.00		µg/L	8/9/04 1:20:00 PM	
Methylene chloride	< 5.00	5.00		µg/L	8/9/04 1:20:00 PM	
Tetrachloroethene	< 5.00	5.00		µg/L	8/9/04 1:20:00 PM	
Toluene	< 5.00	5.00		µg/L	8/9/04 1:20:00 PM	
Vinyl chloride	< 2.00	2.00		µg/L	8/9/04 1:20:00 PM	
Xylenes, Total	< 10.0	10.0		µg/L	8/9/04 1:20:00 PM	
Surr: 4-Bromofluorobenzene	103	70-115		%REC	8/9/04 1:20:00 PM	
Surr: Dibromofluoromethane	101	86-118		%REC	8/9/04 1:20:00 PM	
Surr: Toluene-d8	101	88-130		%REC	8/9/04 1:20:00 PM	
BNAS IN WW	**E625**					**TS**
1,2,4-Trichlorobenzene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
1,2-Dichlorobenzene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
1,2-Diphenylhydrazine	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
1,3-Dichlorobenzene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
1,4-Dichlorobenzene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
2,4-Dinitrotoluene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
2,6-Dinitrotoluene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
2-Chloronaphthalene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
3,3'-Dichlorobenzidine	< 21.5	21.5		ppb	8/11/04 4:01:00 A	
4-Bromophenyl phenyl ether	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
4-Chlorophenyl phenyl ether	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Acenaphthene	14.5	10.8		ppb	8/11/04 4:01:00 A	
Acenaphthylene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Anthracene	19.7	10.8		ppb	8/11/04 4:01:00 A	
Benzidine	< 53.8	53.8		ppb	8/11/04 4:01:00 A	
Benzo(a)pyrene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Benzo(b)fluoranthene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Benzo(g,h,i)perylene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds MCL or Permit Limitation
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
MI+ - Matrix Interference
H - Exceeds Holding Time

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(337) 235-0483

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Lafayette LA 70598-1816
Fax: (337) 233-6540
(800) 737-2378

CLIENT:	Michael Pisani & Associates	**Client Sample ID:**	WP 1
Lab Order:	L04080320	**Tag Number:**	Project# 26.01
Project:	SBA Shipyards	**Collection Date:**	8/9/04 9:00:00 AM
Lab ID:	L04080320-01A	**Matrix:**	WATER
Date Received:	09-Aug-04	**Date Reported:**	11-Aug-04

Analyses	Result	Detection Limit	Qual	Units	Date Analyzed	Analyst
Benzo(k)fluoranthene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Bis(2-chloroethoxy)methane	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Bis(2-chloroethyl)ether	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Bis(2-chloroisopropyl)ether	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Bis(2-ethylhexyl)phthalate	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Butyl benzyl phthalate	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Chrysene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Di-n-butyl phthalate	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Di-n-octyl phthalate	< 21.5	21.5		ppb	8/11/04 4:01:00 A	
Dibenz(a,h)anthracene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Diethyl phthalate	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Dimethyl phthalate	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Fluoranthene	16.9	10.8		ppb	8/11/04 4:01:00 A	
Fluorene	19.2	10.8		ppb	8/11/04 4:01:00 A	
Hexachlorobenzene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Hexachlorobutadiene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Hexachlorocyclopentadiene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Hexachloroethane	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Indeno(1,2,3-cd)pyrene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Isophorone	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
N-Nitrosodi-n-propylamine	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
N-Nitrosodimethylamine	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
N-Nitrosodiphenylamine	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Naphthalene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Nitrobenzene	< 10.8	10.8		ppb	8/11/04 4:01:00 A	
Pentachlorophenol	< 43.0	43.0		ppb	8/11/04 4:01:00 A	
Phenanthrene	35.3	10.8		ppb	8/11/04 4:01:00 A	
pyrene	12.2	10.8		ppb	8/11/04 4:01:00 A	
Surr: 2,4,6-Tribromophenol	77.3	10-123		%REC	8/11/04 4:01:00 A	
Surr: 2-Fluorobiphenyl	79.5	43-116		%REC	8/11/04 4:01:00 A	
Surr: 2-Fluorophenol	33.1	21-110		%REC	8/11/04 4:01:00 A	
Surr: Nitrobenzene-d5	69.1	35-114		%REC	8/11/04 4:01:00 A	
Surr: Phenol-d5	27.9	10-110		%REC	8/11/04 4:01:00 A	
Surr: Terphenyl-d14	71.5	33-141		%REC	8/11/04 4:01:00 A	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds MCL or Permit Limitation
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
MI+ - Matrix Interference
H - Exceeds Holding Time

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SHERRYLaboratories

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2417 West Pinhook Road
Lafayette LA 70508-3344
(337) 235-0483

P O Box 81816
Lafayette LA 70598-1816
Fax: (337) 233-6540
(800) 737-2378

CLIENT:	Michael Pisani & Associates	**Client Sample ID:**	WP 1
Lab Order:	L04080320	**Tag Number:**	Project# 26.01
Project:	SBA Shipyards	**Collection Date:**	8/9/04 9:00:00 AM
Lab ID:	L04080320-01A	**Matrix:**	WATER
Date Received:	09-Aug-04	**Date Reported:**	11-Aug-04

Analyses	Result	Detection Limit	Qual	Units	Date Analyzed	Analyst
PHENOLICS IN WASTEWATER	**E420.2**					**PM**
Phenolics, Total Recoverable	0.254	0.010		mg/L	8/9/04 5:42:00 PM	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds MCL or Permit Limitation
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
MI+ - Matrix Interference
H - Exceeds Holding Time

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812-375-0531 Fax 812-375-0531

☐ **5738 Industrial Rd., Fort Wayne, IN 46825**
219-471-7000 Fax 219-471-7777

☑ **2417 W. Pinhook Rd, Lafayette, LA 70508**
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Fax 337-233-6540

☐ **3445 S Sheridan, Tulsa, OK 74145**
918-828-9977/800324-5757
Fax 918-828-7756

Page 1 of 1

Chain of Custody Record

Laboratory Number 408 320

Client Name: MICHAEL PIGANI + ASSOC.
Contact Name: ROB LESLIE
Phone/Fax: 504.582.2468
504.582.2470

Project Name: SBA
Project #: 26.01
Sampler's Signature: [signature]

Collection Date	Collection Time	Grab	Comp	Sample Identification / Description	Preservative	Number / Type of Container	Matrix Code	VOC'S	SVOC'S	TOT. PHENOLS						Comments / Remarks
08.09.04	0900		✓	WP. 1	ice	6/G	W	3	2	1						Rush
																THANK YOU!!!

UPS / FedEx
Airborne / Sherry
Hand / Mail

All samples submitted to Sherry Laboratories for analysis are accepted on a custodial basis only. Ownership of the material remains with the client submitting the samples. Sherry Laboratories reserves the right to return unused sample portions.

P.O. Number

Relinquished by: (Signature)	Received by:(Signature)	Date	Time	Relinquished by: (Signature)	Received by:(Signature)	Date	Time
[signature]					[signature]		
Relinquished by: (Signature)	Received by:(Signature)	Date	Time	Relinquished by: (Signature)	Received by Laboratory:(Signature)	Date	Time
					[signature]	8/9/04	10:45

Matrix Codes
DW = Drinking Water MW = Monitoring Well
WW = Waste Water SL = Sludge
SO = Soil O = Oil OT = Other

Container Types
G = Glass
P = Plastic

Shipping Conditions
☑ Iced
Temp.____
☐ Ambient

Which Regulations Apply
☐ RCRA ☐ Drinking Water
☐ POTW ☐ Other_____
☐ NPDES

Thank-you for using SHERRY LABORATORIES

SAMPLE LOG-IN CHECK LIST

Chain of Custody

Yes	No	N/A Were seals, if present, intact?
Yes	No	Is Chain of Custody complete? If no, please comment below
		How was the sample delivered? Sherry FedEx UPS Hand Other: _____

Log In

Yes	No	Was an attempt made to cool the samples? Temperature: 6.8 Ambient
Yes	No	N/A Are samples properly preserved?
		If preservative added to bottles, which bottles? _____
Yes	No	N/A Is the headspace in the VOA vials less than ¼ inch or 6 mm?
Yes	No	N/A Are VOA vials preserved with HCl?
Yes	No	Does paperwork match bottle labels? (Note discrepancies on Chain of Custody)
Yes	No	Are matrices correctly identified on Chain of Custody?
Yes	No	Is it clear what analyses were requested?
Yes	No	Are we able to meet all holding times? (If no, notify customer for authorization.)

Special Handling (if applicable)

Yes	No	N/A Was client notified of all discrepancies with this order? Person notified: _____ Date: _____ Time: _____ By whom? _____ Via: Phone Fax In Person Regarding: _____ Report / Do Not Report
Yes	No	N/A Was other special handling completed? Explain: _____

Notes:

_____

_____

_____

_____

Customer: Michael Piziavi **Laboratory Work Order #** 403 320

Log In Signature: D Bory **Date:** 8/9/04 **Time:** 10:45

WP-1 8/17/04
DIS-1 8/11/04

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Case Narrative for:

MICHAEL PISANI & ASSOCIATES, INC.

Certificate of Analysis Number:

04080381

Report To:		Project Name:	MICHAEL PISANI & ASSOCIATES, INC
MICHAEL PISANI & ASSOCIATES, INC.		Site:	SBA - SHIPYARD 26.01
ROBERT E. LESLIE, Jr.		Site Address:	
1430 ENERGY CENTRE			JENNINGS LA
1100 POYDRAS STREET		PO Number:	
NEW ORLEANS			
LA		State:	Louisiana
70163-		State Cert. No.:	
ph: (504) 582-2468	fax:	Date Reported:	8/12/2004

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process. If insufficient sample is supplied for MS/MSD, a Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) are reported with the analytical batch and serve as the batch quality control (QC). Results are reported on a Wet Weight Basis unless otherwise noted in the sample unit field as -dry.

Also five (5) of one hundred-ten (110) spike components of the Method 625 laboratory control sample set for the batch associated with the sample of this delivery group fell outside the control range. Another set of laboratory control samples prepared just one week prior (Batch 29344), however, passed for all target analytes. The method requirement that at least one laboratory control sample pass all criteria for each and every analyte at a frequency of one (1) per month was fulfilled.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

TOTAL NUMBER OF PAGES IN THIS REPORT: 18 PAGES

Donna B. LeBlanc

Donna B. LeBlanc
Project Manager

8/20/2004
Date

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

MICHAEL PISANI & ASSOCIATES, INC.

Certificate of Analysis Number:

04080381

Report To: MICHAEL PISANI & ASSOCIATES, INC.
ROBERT E. LESLIE, Jr.
1430 ENERGY CENTRE
1100 POYDRAS STREET
NEW ORLEANS
LA
70163-
ph: (504) 582-2468 fax: (504) 582-2470

Fax To:

Project Name: MICHAEL PISANI & ASSOCIATES, INC
Site: SBA - SHIPYARD 26.01
Site Address:
JENNINGS LA
PO Number:
State: Louisiana
State Cert. No.:
Date Reported: 8/12/2004

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
WP-1	04080381-01	Water	8/11/2004 10:30:00 AM	8/11/2004 1:21:30 PM		
DIS-1	04080381-02	Water	8/11/2004 10:45:00 AM	8/11/2004 1:21:30 PM		

Donna B. LeBlanc
Donna B. LeBlanc
Project Manager

8/20/2004
Date

John D. Trahan
Laboratory Director

Tristan Davis
Quality Assurance Officer

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID WP-1 **Collected:** 08/11/2004 10:30 **SPL Sample ID:** 04080381-01

Site: **SBA - SHIPYARD 26.01**

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
PH			**MCL**	**E150.1**	**Units: Std Units**		
pH	7.11	0.100	1		08/11/04 12:25	AG	1149507

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID WP-1 **Collected:** 08/11/2004 10:30 **SPL Sample ID:** 04080381-01

Site: **SBA - SHIPYARD 26.01**

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 625		**MCL**		**E625**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND	5.6	1		08/12/04 12:53	LMK	1151157
1,2-Dichlorobenzene	ND	5.6	1		08/12/04 12:53	LMK	1151157
1,2-Diphenylhydrazine	ND	5.6	1		08/12/04 12:53	LMK	1151157
1,3-Dichlorobenzene	ND	5.6	1		08/12/04 12:53	LMK	1151157
1,4-Dichlorobenzene	ND	5.6	1		08/12/04 12:53	LMK	1151157
2,4-Dinitrotoluene	ND	5.6	1		08/12/04 12:53	LMK	1151157
2,6-Dinitrotoluene	ND	5.6	1		08/12/04 12:53	LMK	1151157
2-Chloronaphthalene	ND	5.6	1		08/12/04 12:53	LMK	1151157
3,3´-Dichlorobenzidine	ND	5.6	1		08/12/04 12:53	LMK	1151157
4-Bromophenyl phenyl ether	ND	5.6	1		08/12/04 12:53	LMK	1151157
4-Chlorophenyl phenyl ether	ND	5.6	1		08/12/04 12:53	LMK	1151157
Acenaphthene	5.8	5.6	1		08/12/04 12:53	LMK	1151157
Acenaphthylene	ND	5.6	1		08/12/04 12:53	LMK	1151157
Anthracene	11	5.6	1		08/12/04 12:53	LMK	1151157
Benzidine	ND	11	1		08/12/04 12:53	LMK	1151157
Benzo(a)pyrene	ND	5.6	1		08/12/04 12:53	LMK	1151157
Benzo(b)fluoranthene	ND	5.6	1		08/12/04 12:53	LMK	1151157
Benzo(g,h,i)perylene	ND	5.6	1		08/12/04 12:53	LMK	1151157
Benzo(k)fluoranthene	ND	5.6	1		08/12/04 12:53	LMK	1151157
Bis(2-chloroethoxy)methane	ND	5.6	1		08/12/04 12:53	LMK	1151157
Bis(2-chloroethyl)ether	ND	5.6	1		08/12/04 12:53	LMK	1151157
Bis(2-chloroisopropyl)ether	ND	5.6	1		08/12/04 12:53	LMK	1151157
Bis(2-ethylhexyl)phthalate	ND	5.6	1		08/12/04 12:53	LMK	1151157
Butyl benzyl phthalate	ND	5.6	1		08/12/04 12:53	LMK	1151157
Chrysene	ND	5.6	1		08/12/04 12:53	LMK	1151157
Di-n-butyl phthalate	ND	5.6	1		08/12/04 12:53	LMK	1151157
Di-n-octyl phthalate	ND	5.6	1		08/12/04 12:53	LMK	1151157
Dibenz(a,h)anthracene	ND	5.6	1		08/12/04 12:53	LMK	1151157
Diethyl phthalate	ND	5.6	1		08/12/04 12:53	LMK	1151157
Dimethyl phthalate	ND	5.6	1		08/12/04 12:53	LMK	1151157
Fluoranthene	14	5.6	1		08/12/04 12:53	LMK	1151157
Fluorene	6.4	5.6	1		08/12/04 12:53	LMK	1151157
Hexachlorobenzene	ND	5.6	1		08/12/04 12:53	LMK	1151157
Hexachlorobutadiene	ND	5.6	1		08/12/04 12:53	LMK	1151157
Hexachlorocyclopentadiene	ND	11	1		08/12/04 12:53	LMK	1151157
Hexachloroethane	ND	5.6	1		08/12/04 12:53	LMK	1151157
Indeno(1,2,3-cd)pyrene	ND	5.6	1		08/12/04 12:53	LMK	1151157
Isophorone	ND	5.6	1		08/12/04 12:53	LMK	1151157
N-Nitroso-di-n-propylamine	ND	11	1		08/12/04 12:53	LMK	1151157
N-Nitrosodimethylamine	ND	5.6	1		08/12/04 12:53	LMK	1151157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID WP-1 **Collected:** 08/11/2004 10:30 **SPL Sample ID:** 04080381-01

Site: **SBA - SHIPYARD 26.01**

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
N-Nitrosodiphenylamine	ND		5.6	1		08/12/04 12:53	LMK	1151157
Naphthalene	ND		5.6	1		08/12/04 12:53	LMK	1151157
Nitrobenzene	ND		5.6	1		08/12/04 12:53	LMK	1151157
Phenanthrene	12		5.6	1		08/12/04 12:53	LMK	1151157
Pyrene	9.7		5.6	1		08/12/04 12:53	LMK	1151157
Surr: 2,4,6-Tribromophenol	84.6	%	21.3-122	1		08/12/04 12:53	LMK	1151157
Surr: 2-Fluorobiphenyl	61.2	%	21.9-102	1		08/12/04 12:53	LMK	1151157
Surr: 2-Fluorophenol	39.7	%	6.24-56.6	1		08/12/04 12:53	LMK	1151157
Surr: 4-Terphenyl-d14	48.4	%	46.9-123	1		08/12/04 12:53	LMK	1151157
Surr: Nitrobenzene-d5	62.8	%	16-109	1		08/12/04 12:53	LMK	1151157
Surr: Phenol-d5	30.3	%	4.15-42.2	1		08/12/04 12:53	LMK	1151157

Prep Method	Prep Date	Prep Initials	Prep Factor
	08/11/2004 15:10	C_V	1.11

VOLATILE ORGANICS BY METHOD 624 **MCL** **E624** **Units: ug/L**

1,1-Dichloroethane	ND		5	1		08/11/04 14:52	BM	1150298
1,2-Dichloroethane	9.6		5	1		08/11/04 14:52	BM	1150298
Benzene	ND		5	1		08/11/04 14:52	BM	1150298
Chloroethane	ND		5	1		08/11/04 14:52	BM	1150298
Ethylbenzene	ND		5	1		08/11/04 14:52	BM	1150298
Methylene chloride	ND		10	1		08/11/04 14:52	BM	1150298
Tetrachloroethene	ND		5	1		08/11/04 14:52	BM	1150298
Toluene	ND		5	1		08/11/04 14:52	BM	1150298
Vinyl chloride	ND		25	1		08/11/04 14:52	BM	1150298
Xylenes,Total	ND		5	1		08/11/04 14:52	BM	1150298
Surr: 1,2-Dichloroethane-d4	92.4	%	81.7-124	1		08/11/04 14:52	BM	1150298
Surr: Toluene-d8	96.5	%	90.4-109	1		08/11/04 14:52	BM	1150298
Surr: 4-Bromofluorobenzene	86.5	%	79.9-115	1		08/11/04 14:52	BM	1150298

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID DIS-1 **Collected:** 08/11/2004 10:45 **SPL Sample ID:** 04080381-02

Site: **SBA - SHIPYARD 26.01**

Analyses/Method	Result	Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
PH			**MCL**		**E150.1**	**Units: Std Units**		
pH	7.09	0.100		1		08/11/04 12:25	AG	1149508

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID DIS-1 **Collected:** 08/11/2004 10:45 **SPL Sample ID:** 04080381-02

Site: **SBA - SHIPYARD 26.01**

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 625		**MCL**		**E625**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND	5.6	1		08/12/04 12:19	LMK	1151156
1,2-Dichlorobenzene	ND	5.6	1		08/12/04 12:19	LMK	1151156
1,2-Diphenylhydrazine	ND	5.6	1		08/12/04 12:19	LMK	1151156
1,3-Dichlorobenzene	ND	5.6	1		08/12/04 12:19	LMK	1151156
1,4-Dichlorobenzene	ND	5.6	1		08/12/04 12:19	LMK	1151156
2,4-Dinitrotoluene	ND	5.6	1		08/12/04 12:19	LMK	1151156
2,6-Dinitrotoluene	ND	5.6	1		08/12/04 12:19	LMK	1151156
2-Chloronaphthalene	ND	5.6	1		08/12/04 12:19	LMK	1151156
3,3'-Dichlorobenzidine	ND	5.6	1		08/12/04 12:19	LMK	1151156
4-Bromophenyl phenyl ether	ND	5.6	1		08/12/04 12:19	LMK	1151156
4-Chlorophenyl phenyl ether	ND	5.6	1		08/12/04 12:19	LMK	1151156
Acenaphthene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Acenaphthylene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Anthracene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Benzidine	ND	11	1		08/12/04 12:19	LMK	1151156
Benzo(a)pyrene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Benzo(b)fluoranthene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Benzo(g,h,i)perylene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Benzo(k)fluoranthene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Bis(2-chloroethoxy)methane	ND	5.6	1		08/12/04 12:19	LMK	1151156
Bis(2-chloroethyl)ether	ND	5.6	1		08/12/04 12:19	LMK	1151156
Bis(2-chloroisopropyl)ether	ND	5.6	1		08/12/04 12:19	LMK	1151156
Bis(2-ethylhexyl)phthalate	ND	5.6	1		08/12/04 12:19	LMK	1151156
Butyl benzyl phthalate	ND	5.6	1		08/12/04 12:19	LMK	1151156
Chrysene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Di-n-butyl phthalate	ND	5.6	1		08/12/04 12:19	LMK	1151156
Di-n-octyl phthalate	ND	5.6	1		08/12/04 12:19	LMK	1151156
Dibenz(a,h)anthracene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Diethyl phthalate	ND	5.6	1		08/12/04 12:19	LMK	1151156
Dimethyl phthalate	ND	5.6	1		08/12/04 12:19	LMK	1151156
Fluoranthene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Fluorene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Hexachlorobenzene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Hexachlorobutadiene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Hexachlorocyclopentadiene	ND	11	1		08/12/04 12:19	LMK	1151156
Hexachloroethane	ND	5.6	1		08/12/04 12:19	LMK	1151156
Indeno(1,2,3-cd)pyrene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Isophorone	ND	5.6	1		08/12/04 12:19	LMK	1151156
N-Nitroso-di-n-propylamine	ND	11	1		08/12/04 12:19	LMK	1151156
N-Nitrosodimethylamine	ND	5.6	1		08/12/04 12:19	LMK	1151156

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID DIS-1 **Collected:** 08/11/2004 10:45 **SPL Sample ID:** 04080381-02

Site: **SBA - SHIPYARD 26.01**

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
N-Nitrosodiphenylamine	ND	5.6	1		08/12/04 12:19	LMK	1151156
Naphthalene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Nitrobenzene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Phenanthrene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Pyrene	ND	5.6	1		08/12/04 12:19	LMK	1151156
Surr: 2,4,6-Tribromophenol	96.5 %	21.3-122	1		08/12/04 12:19	LMK	1151156
Surr: 2-Fluorobiphenyl	69.2 %	21.9-102	1		08/12/04 12:19	LMK	1151156
Surr: 2-Fluorophenol	42.0 %	6.24-56.6	1		08/12/04 12:19	LMK	1151156
Surr: 4-Terphenyl-d14	61.7 %	46.9-123	1		08/12/04 12:19	LMK	1151156
Surr: Nitrobenzene-d5	67.2 %	16-109	1		08/12/04 12:19	LMK	1151156
Surr: Phenol-d5	33.9 %	4.15-42.2	1		08/12/04 12:19	LMK	1151156

Prep Method	Prep Date	Prep Initials	Prep Factor
	08/11/2004 15:10	C_V	1.11

VOLATILE ORGANICS BY METHOD 624 **MCL** **E624** **Units: ug/L**

1,1-Dichloroethane	7.3	5	1		08/11/04 15:18	BM	1150299
1,2-Dichloroethane	16	5	1		08/11/04 15:18	BM	1150299
Benzene	40	5	1		08/11/04 15:18	BM	1150299
Chloroethane	ND	5	1		08/11/04 15:18	BM	1150299
Ethylbenzene	ND	5	1		08/11/04 15:18	BM	1150299
Methylene chloride	ND	10	1		08/11/04 15:18	BM	1150299
Tetrachloroethene	ND	5	1		08/11/04 15:18	BM	1150299
Toluene	8.6	5	1		08/11/04 15:18	BM	1150299
Vinyl chloride	ND	25	1		08/11/04 15:18	BM	1150299
Xylenes,Total	ND	5	1		08/11/04 15:18	BM	1150299
Surr: 1,2-Dichloroethane-d4	96.1 %	81.7-124	1		08/11/04 15:18	BM	1150299
Surr: Toluene-d8	94.5 %	90.4-109	1		08/11/04 15:18	BM	1150299
Surr: 4-Bromofluorobenzene	85.9 %	79.9-115	1		08/11/04 15:18	BM	1150299

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04080381
Method: E625 **Lab Batch ID:** 29798

Method Blank

RunID:	A_040812A-1151153	Units:	ug/L
Analysis Date:	08/12/2004 10:38	Analyst:	LMK
Preparation Date:	08/11/2004 15:10	Prep By:	C_V Method

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080381-01B	WP-1
04080381-02B	DIS-1

Analyte	Result	Rep Limit
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Diphenylhydrazine	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,4-Dinitrotoluene	ND	5.0
2,6-Dinitrotoluene	ND	5.0
2-Chloronaphthalene	ND	5.0
3,3'-Dichlorobenzidine	ND	5.0
4-Bromophenyl phenyl ether	ND	5.0
4-Chlorophenyl phenyl ether	ND	5.0
Acenaphthene	ND	5.0
Acenaphthylene	ND	5.0
Anthracene	ND	5.0
Benzidine	ND	10
Benzo(a)pyrene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Bis(2-chloroethoxy)methane	ND	5.0
Bis(2-chloroethyl)ether	ND	5.0
Bis(2-chloroisopropyl)ether	ND	5.0
Bis(2-ethylhexyl)phthalate	ND	5.0
Butyl benzyl phthalate	ND	5.0
Chrysene	ND	5.0
Di-n-butyl phthalate	ND	5.0
Di-n-octyl phthalate	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Diethyl phthalate	ND	5.0
Dimethyl phthalate	ND	5.0
Fluoranthene	ND	5.0
Fluorene	ND	5.0
Hexachlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Hexachlorocyclopentadiene	ND	10
Hexachloroethane	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Isophorone	ND	5.0
N-Nitroso-di-n-propylamine	ND	10
N-Nitrosodimethylamine	ND	5.0
N-Nitrosodiphenylamine	ND	5.0
Naphthalene	ND	5.0
Nitrobenzene	ND	5.0
Phenanthrene	ND	5.0
Pyrene	ND	5.0
Surr: 2,4,6-Tribromophenol	77.5	21.3-122
Surr: 2-Fluorobiphenyl	55.7	21.9-102
Surr: 2-Fluorophenol	32.6	6.24-56.6

Qualifiers:
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B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
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* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04080381
Method: E625 **Lab Batch ID:** 29798

Method Blank

RunID: A_040812A-1151153 Units: ug/L
Analysis Date: 08/12/2004 10:38 Analyst: LMK
Preparation Date: 08/11/2004 15:10 Prep By: C_V Method

Analyte	Result	Rep Limit
Surr: 4-Terphenyl-d14	70.2	46.9-123
Surr: Nitrobenzene-d5	52.7	16-109
Surr: Phenol-d5	24.0	4.15-42.2

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: A_040812A-1151154 Units: ug/L
Analysis Date: 08/12/2004 11:12 Analyst: LMK
Preparation Date: 08/11/2004 15:10 Prep By: C_V Method

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,2,4-Trichlorobenzene	50	25.2	50.4	50.0	27.4	54.7	0.0	40	44	142
1,2-Dichlorobenzene	50	25.8	51.6	50.0	28.1	56.1	0.0	40	32	129
1,3-Dichlorobenzene	50	25.0	50.0	50.0	27.2	54.5	0.0	40	1	172
1,4-Dichlorobenzene	50	25.7	51.3	50.0	27.3	54.5	0.0	40	20	124
2,4,6-Trichlorophenol	50	35.0	70.0	50.0	38.8	77.7	0.0	40	37	144
2,4-Dichlorophenol	50	30.3	60.6	50.0	35.1	70.2	0.0	40	39	135
2,4-Dimethylphenol	50	28.7	57.4	50.0	33.1	66.2	0.0	40	32	119
2,4-Dinitrophenol	50	16.5	33.0	50.0	17.6	35.2	0.0	40	1	191
2,4-Dinitrotoluene	50	35.4	70.8	50.0	34.5	68.9	0.0	40	39	139
2,6-Dinitrotoluene	50	34.8	69.5	50.0	34.9	69.9	0.0	40	50	158
2-Chloronaphthalene	50	28.3	56.7 *	50.0	29.9	59.8 *	0.0	40	60	118
2-Chlorophenol	50	28.8	57.5	50.0	31.7	63.4	0.0	40	23	134
2-Nitrophenol	50	28.4	56.8	50.0	33.5	67.0	0.0	40	29	182
3,3'-Dichlorobenzidine	50	99.9	200	50.0	101	202	0.0	40	1	262
4,6-Dinitro-2-methylphenol	50	5.78	11.6	50.0	6.44	12.9	0.0	40	1	181
4-Bromophenyl phenyl ether	50	33.4	66.8	50.0	34.1	68.2	0.0	40	53	127
4-Chloro-3-methylphenol	50	30.8	61.6	50.0	35.0	69.9	0.0	40	22	147
4-Chlorophenyl phenyl ether	50	32.9	65.7	50.0	33.0	65.9	0.0	40	25	158
4-Nitrophenol	50	21.6	43.2	50.0	23.2	46.4	0.0	40	1	132
Acenaphthene	50	31.2	62.5	50.0	32.2	64.4	0.0	40	47	145
Acenaphthylene	50	31.9	63.8	50.0	32.9	65.9	0.0	40	33	145
Anthracene	50	37.3	74.6	50.0	37.2	74.4	0.0	40	27	133
Benz(a)anthracene	50	37.5	75.0	50.0	37.4	74.7	0.0	40	33	143
Benzidine	50	69.8	140	50.0	69.1	138	0.0	40	30	150

Qualifiers:
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* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

LAFAYETTE LABORATORY
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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04080381
Method: E625 **Lab Batch ID:** 29798

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: A_040812A-1151154 Units: ug/L
Analysis Date: 08/12/2004 11:12 Analyst: LMK
Preparation Date: 08/11/2004 15:10 Prep By: C_V Method

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Benzo(a)pyrene	50	35.1	70.2	50.0	36.5	73.1	0.0	40	17	163
Benzo(b)fluoranthene	50	43.6	87.2	50.0	46.3	92.6	0.0	40	24	159
Benzo(g,h,i)perylene	50	17.7	35.4	50.0	17.8	35.5	0.0	40	1	219
Benzo(k)fluoranthene	50	42.8	85.5	50.0	44.6	89.1	0.0	40	11	162
Bis(2-chloroethoxy)methane	50	33.2	66.3	50.0	34.1	68.2	0.0	40	33	184
Bis(2-chloroethyl)ether	50	32.2	64.3	50.0	32.4	64.7	0.0	40	12	158
Bis(2-chloroisopropyl)ether	50	30.6	61.1	50.0	32.9	65.8	0.0	40	36	166
Bis(2-ethylhexyl)phthalate	50	44.6	89.2	50.0	44.1	88.2	0.0	40	8	158
Butyl benzyl phthalate	50	26.9	53.8	50.0	21.2	42.5	0.0	40	1	152
Chrysene	50	37.0	73.9	50.0	36.7	73.3	0.0	40	17	168
Di-n-butyl phthalate	50	29.8	59.5	50.0	27.5	55.0	0.0	40	1	118
Di-n-octyl phthalate	50	38.2	76.4	50.0	38.6	77.2	0.0	40	4	146
Dibenz(a,h)anthracene	50	21.6	43.3	50.0	22.0	43.9	0.0	40	1	227
Diethyl phthalate	50	15.0	30.0	50.0	13.0	26.0	0.0	40	1	114
Dimethyl phthalate	50	0	0 *	50.0	0	0 *	0.0	40	1	112
Fluoranthene	50	40.9	81.7	50.0	41.0	82.0	0.0	40	26	137
Fluorene	50	34.4	68.9	50.0	34.9	69.8	0.0	40	59	121
Hexachlorobenzene	50	35.8	71.5	50.0	36.1	72.1	0.0	40	1	152
Hexachlorobutadiene	50	23.3	46.5	50.0	25.9	51.8	0.0	40	24	116
Hexachloroethane	50	19.6	39.1 *	50.0	20.9	41.8	0.0	40	40	113
Indeno(1,2,3-cd)pyrene	50	10.8	21.5	50.0	10.7	21.4	0.0	40	1	171
Isophorone	50	33.0	66.1	50.0	34.7	69.3	0.0	40	21	196
N-Nitroso-di-n-propylamine	50	33.9	67.9	50.0	34.7	69.5	0.0	40	1	230
N-Nitrosodimethylamine	50	16.2	32.4	50.0	17.8	35.7	0.0	40	30	150
N-Nitrosodiphenylamine	50	36.5	73.0	50.0	36.9	73.7	0.0	40	30	150
Naphthalene	50	27.3	54.6	50.0	28.9	57.8	0.0	40	21	133
Nitrobenzene	50	32.8	65.7	50.0	34.1	68.3	0.0	40	35	180
Pentachlorophenol	50	38.4	76.8	50.0	42.4	84.9	0.0	40	14	176
Phenanthrene	50	36.1	72.2	50.0	36.1	72.2	0.0	40	54	120
Phenol	50	15.3	30.6	50.0	17.2	34.5	0.0	40	5	112
Pyrene	50	43.3	86.7	50.0	43.0	86.0	0.0	40	52	115
Pyridine	50	0	0	50.0	0	0	0.0	0	0	0
1,2-Dichlorobenzene-d4	50	0	0 *	50.0	0	0 *	0.0	0	16.4	88.1
2-Chlorophenol-d4	75	0	0 *	75.0	0	0 *	0.0	0	21.8	93.4

Qualifiers:
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D - Recovery Unreportable due to Dilution
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* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Volatile Organics by Method 624 **WorkOrder:** 04080381
Method: E624 **Lab Batch ID:** R80152

Method Blank

RunID: I_040811A-1150296 Units: ug/L
Analysis Date: 08/11/2004 13:24 Analyst: BM

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080381-01A	WP-1
04080381-02A	DIS-1

Analyte	Result	Rep Limit
1,1-Dichloroethane	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Chloroethane	ND	5.0
Ethylbenzene	ND	5.0
Methylene chloride	ND	10
Tetrachloroethene	ND	5.0
Toluene	ND	5.0
Vinyl chloride	ND	25
Surr: 1,2-Dichloroethane-d4	100.5	81.7-124
Surr: 4-Bromofluorobenzene	87.2	79.9-115
Surr: Toluene-d8	92.1	90.4-109

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: I_040811A-1150294 Units: ug/L
Analysis Date: 08/11/2004 12:26 Analyst: BM

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,1,1-Trichloroethane	20	17.7	88.6	20.0	19.1	95.3	7.2	20	52	162
1,1,2,2-Tetrachloroethane	20	19.4	97.2	20.0	21.1	106	8.2	20	46	157
1,1,2-Trichloroethane	20	18.5	92.6	20.0	17.1	85.4	8.1	20	52	150
1,1-Dichloroethane	20	17.1	85.4	20.0	17.7	88.5	3.6	20	59	155
1,1-Dichloroethene	20	17.8	89.2	20.0	19.4	97.0	8.3	20	0	234
1,2-Dichloroethane	20	20.6	103	20.0	20.4	102	0.8	20	49	155
1,2-Dichloropropane	20	18.1	90.4	20.0	19.7	98.4	8.5	20	0	210
2-Chloroethyl vinyl ether	20	18.8	94.0	20.0	18.2	91.0	3.2	20	0	305
Benzene	20	17.9	89.5	20.0	19.1	95.6	6.6	20	37	151
Bromodichloromethane	20	18.8	94.0	20.0	20.6	103	9.3	20	35	151
Bromoform	20	16.9	84.6	20.0	16.4	81.8	3.4	20	45	169
Bromomethane	20	23.9	119	20.0	24.3	121	1.6	20	0	242
Carbon tetrachloride	20	17.9	89.3	20.0	18.8	94.0	5.1	20	70	140
Chlorobenzene	20	18.5	92.4	20.0	18.6	93.2	0.8	20	37	160
Chloroethane	20	19.0	95.2	20.0	20.3	101	6.3	20	14	230
Chloroform	20	19.2	96.0	20.0	20.3	101	5.5	20	51	138
Chloromethane	20	11.6	58.2	20.0	11.7	58.6	0.7	20	0	273

Qualifiers:
ND/U - Not Detected at the Reporting Limit
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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Volatile Organics by Method 624 **WorkOrder:** 04080381
Method: E624 **Lab Batch ID:** R80152

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: I_040811A-1150294 Units: ug/L
Analysis Date: 08/11/2004 12:26 Analyst: BM

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
cis-1,3-Dichloropropene	20	19.0	94.8	20.0	19.7	98.4	3.7	20	0	227
Dibromochloromethane	20	17.5	87.4	20.0	18.7	93.6	6.9	20	53	149
Ethylbenzene	20	20.2	101	20.0	18.6	93.2	8.1	20	37	162
Methylene chloride	20	17.3	86.5	20.0	16.9	84.4	2.5	20	0	221
Tetrachloroethene	20	15.6	77.9	20.0	15.3	76.6	1.6	20	64	168
Toluene	20	16.6	83.1	20.0	16.4	82.0	1.4	20	47	150
trans-1,3-Dichloropropene	20	16.9	84.6	20.0	16.5	82.4	2.5	20	17	183
Trichloroethene	20	17.2	86.1	20.0	18.1	90.7	5.2	20	71	157
Trichlorofluoromethane	20	23.5	117	20.0	24.3	122	3.5	20	17	181
Vinyl chloride	20	17.8	88.9	20.0	18.5	92.4	3.8	20	0	251
trans-1,2-Dichloroethene	20	17.3	86.4	20.0	18.5	92.4	6.7	20	54	156

Qualifiers:
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D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: pH
Method: E150.1

WorkOrder: 04080381
Lab Batch ID: R80085

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080381-01B	WP-1
04080381-02B	DIS-1

Sample Duplicate

Original Sample: 04080381-02
RunID: WET_040811B-1149508 Units: Std Units
Analysis Date: 08/11/2004 12:25 Analyst: AG

Analyte	Sample Result	DUP Result	RPD	RPD Limit
pH	7.09	7.07	0.282	20

Qualifiers:
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The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

Sample Receipt Checklist
And
Chain of Custody

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Sample Receipt Checklist

Workorder:	04080381	Received By:	GTS
Date and Time Received:	8/11/2004 1:21:30 PM	Carrier name:	Client Drop Off
Temperature:	4.0°C	Chilled by:	Water Ice

		Yes	No	Not Present
1.	Shipping container/cooler in good condition?	☑	☐	☐
2.	Custody seals intact on shipping container/cooler?	☑	☐	☐
3.	Custody seals intact on sample bottles?	☐	☐	☑
4.	Chain of custody present?	☑	☐	
5.	Chain of custody signed when relinquished and received?	✓	☐	
6.	Chain of custody agrees with sample labels?	☑	☐	
7.	Samples in proper container/bottle?	☑	☐	
8.	Sample containers intact?	☑	☐	
9.	Sufficient sample volume for indicated test?	✓	☐	
10.	All samples received within holding time?	✓	No	
11.	Container/Temp Blank temperature in compliance?	☑	No	
12.	Water - VOA vials have zero headspace?	☑	☐	Not Applicable
13.	Water - pH acceptable upon receipt?	✓	No	Not Applicable

SPL Representative: Contact Date & Time:

Client Name Contacted:

Non Conformance Issues:

Client Instructions:

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name | Client # | Workorder # 04080381 | Due Date 8/12/04

Report to:
Client: MICHAEL PISANI + ASSOC
Address: 1100 POYDRAS ST. #1430
NEW ORLEANS, LA 70163
Contact: ROB LESLIE
Phone: 504.582.2468
Fax: 504.582.2470

Bill to:
Client:
Address: SAME
Contact:
Phone:
Fax:

P.O. Number:
Project Name/Number: SBA-SHIPYARD 26.01
Sampled By: Brad Blalock

Analytical Requests & Method

RUSH

Lab use only:
Custody Seal used ☐ yes ☐ no
in tact ☐ yes ☐ no
Temperature °C

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	VOC's	SVOC's	Remarks:	Lab ID
W	08/11/04	1030		/	WP-1	HCL/ice	5	3	2	(5)	/
W	08/11	1045		/	DIS-1	HCL/ice	5	3	2	(5)	

SF Client, - BS116 - MT 2;7

Turn Around Time: ☑ 24-48 hrs. ☐ 3 days ☐ 1 week ☐ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date	Time	Note:
Brad Blalock	Steven Simon	8/11	11:55	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:	

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

WP-1 8/13/04

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Case Narrative for:

MICHAEL PISANI & ASSOCIATES, INC.

Certificate of Analysis Number:

04080476

Report To:		Project Name:	MICHAEL PISANI & ASSOCIATES, INC
MICHAEL PISANI & ASSOCIATES, INC.		Site:	SBA - SHIPYARD 26.01
ROBERT E. LESLIE, Jr.		Site Address:	
1430 ENERGY CENTRE			JENNINGS LA
1100 POYDRAS STREET		PO Number:	
NEW ORLEANS		State:	Louisiana
LA		State Cert. No.:	
70163-			
ph: (504) 582-2468	fax:	Date Reported:	8/18/04

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process. If insufficient sample is supplied for MS/MSD, a Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) are reported with the analytical batch and serve as the batch quality control (QC). Results are reported on a Wet Weight Basis unless otherwise noted in the sample unit field as -dry.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

TOTAL NUMBER OF PAGES IN THIS REPORT: 21 PAGES

Donna B. LeBlanc

Donna B. LeBlanc
Project Manager

8/18/04
Date

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

MICHAEL PISANI & ASSOCIATES, INC.

Certificate of Analysis Number:

04080476

Report To: MICHAEL PISANI & ASSOCIATES, INC.
ROBERT E. LESLIE, Jr.
1430 ENERGY CENTRE
1100 POYDRAS STREET
NEW ORLEANS
LA
70163-
ph: (504) 582-2468 fax: (504) 582-2470

Fax To:

Project Name: MICHAEL PISANI & ASSOCIATES, INC
Site: SBA - SHIPYARD 26.01
Site Address:
JENNINGS LA
PO Number:
State: Louisiana
State Cert. No.:
Date Reported: 8/18/04

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
WP-1	04080476-01	Water	8/13/04 8:45:00 AM	8/13/04 11:40:37 AM		

Donna B. LeBlanc
Project Manager

8/18/04
Date

John D. Trahan
Laboratory Director

Tristan Davis
Quality Assurance Officer

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID WP-1 **Collected:** 08/13/2004 8:45 **SPL Sample ID:** 04080476-01

Site: **SBA - SHIPYARD 26.01**

Analyses/Method	Result	Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
CHEMICAL OXYGEN DEMAND			**MCL**		**E410.4**	**Units: mg/L**		
Chemical Oxygen Demand	180	25		5		08/16/04 10:00	JMH	1154680
LEAD, TOTAL- BY GRAPHITE FURNACE			**MCL**		**E239.2**	**Units: mg/L**		
Lead	ND	0.002		1		08/16/04 13:55	SML	1154785

Prep Method	Prep Date	Prep Initials	Prep Factor
E4.1.3	08/13/2004 14:15	AMT	1.00

OIL & GREASE,TOTAL RECOVERABLE			**MCL**		**E413.1**	**Units: mg/L**		
Oil & Grease,Total Recoverable	5	5		1		08/13/04 15:00	DB	1153438
PH			**MCL**		**E150.1**	**Units: Std Units**		
pH	7.56	0.100		1		08/13/04 16:00	DB	1154032
PHENOLICS,TOTAL RECOVERABLE			**MCL**		**E420.1**	**Units: mg/L**		
Phenolics,Total Recoverable	0.072	0.01		1		08/16/04 13:54	AG	1154625

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SCOTT, LA 70583
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Client Sample ID WP-1 **Collected:** 08/13/2004 8:45 **SPL Sample ID:** 04080476-01

Site: SBA - SHIPYARD 26.01

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 625		**MCL**		**E625**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND	5	1		08/16/04 1:53	LMK	1154039
1,2-Dichlorobenzene	ND	5	1		08/16/04 1:53	LMK	1154039
1,2-Diphenylhydrazine	ND	5	1		08/16/04 1:53	LMK	1154039
1,3-Dichlorobenzene	ND	5	1		08/16/04 1:53	LMK	1154039
1,4-Dichlorobenzene	ND	5	1		08/16/04 1:53	LMK	1154039
2,4-Dinitrotoluene	ND	5	1		08/16/04 1:53	LMK	1154039
2,6-Dinitrotoluene	ND	5	1		08/16/04 1:53	LMK	1154039
2-Chloronaphthalene	ND	5	1		08/16/04 1:53	LMK	1154039
3,3'-Dichlorobenzidine	ND	5	1		08/16/04 1:53	LMK	1154039
4-Bromophenyl phenyl ether	ND	5	1		08/16/04 1:53	LMK	1154039
4-Chlorophenyl phenyl ether	ND	5	1		08/16/04 1:53	LMK	1154039
Acenaphthene	7.4	5	1		08/16/04 1:53	LMK	1154039
Acenaphthylene	ND	5	1		08/16/04 1:53	LMK	1154039
Anthracene	9.8	5	1		08/16/04 1:53	LMK	1154039
Benzidine	ND	10	1		08/16/04 1:53	LMK	1154039
Benzo(a)pyrene	ND	5	1		08/16/04 1:53	LMK	1154039
Benzo(b)fluoranthene	ND	5	1		08/16/04 1:53	LMK	1154039
Benzo(g,h,i)perylene	ND	5	1		08/16/04 1:53	LMK	1154039
Benzo(k)fluoranthene	ND	5	1		08/16/04 1:53	LMK	1154039
Bis(2-chloroethoxy)methane	ND	5	1		08/16/04 1:53	LMK	1154039
Bis(2-chloroethyl)ether	ND	5	1		08/16/04 1:53	LMK	1154039
Bis(2-chloroisopropyl)ether	ND	5	1		08/16/04 1:53	LMK	1154039
Bis(2-ethylhexyl)phthalate	ND	5	1		08/16/04 1:53	LMK	1154039
Butyl benzyl phthalate	ND	5	1		08/16/04 1:53	LMK	1154039
Chrysene	ND	5	1		08/16/04 1:53	LMK	1154039
Di-n-butyl phthalate	ND	5	1		08/16/04 1:53	LMK	1154039
Di-n-octyl phthalate	ND	5	1		08/16/04 1:53	LMK	1154039
Dibenz(a,h)anthracene	ND	5	1		08/16/04 1:53	LMK	1154039
Diethyl phthalate	ND	5	1		08/16/04 1:53	LMK	1154039
Dimethyl phthalate	ND	5	1		08/16/04 1:53	LMK	1154039
Fluoranthene	6	5	1		08/16/04 1:53	LMK	1154039
Fluorene	7.6	5	1		08/16/04 1:53	LMK	1154039
Hexachlorobenzene	ND	5	1		08/16/04 1:53	LMK	1154039
Hexachlorobutadiene	ND	5	1		08/16/04 1:53	LMK	1154039
Hexachlorocyclopentadiene	ND	10	1		08/16/04 1:53	LMK	1154039
Hexachloroethane	ND	5	1		08/16/04 1:53	LMK	1154039
Indeno(1,2,3-cd)pyrene	ND	5	1		08/16/04 1:53	LMK	1154039
Isophorone	ND	5	1		08/16/04 1:53	LMK	1154039
N-Nitroso-di-n-propylamine	ND	10	1		08/16/04 1:53	LMK	1154039
N-Nitrosodimethylamine	ND	5	1		08/16/04 1:53	LMK	1154039

Qualifiers:

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D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID WP-1 **Collected:** 08/13/2004 8:45 **SPL Sample ID:** 04080476-01

Site: SBA - SHIPYARD 26.01

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
N-Nitrosodiphenylamine	ND	5	1		08/16/04 1:53	LMK	1154039
Naphthalene	ND	5	1		08/16/04 1:53	LMK	1154039
Nitrobenzene	ND	5	1		08/16/04 1:53	LMK	1154039
Phenanthrene	14	5	1		08/16/04 1:53	LMK	1154039
Pyrene	ND	5	1		08/16/04 1:53	LMK	1154039
Surr: 2,4,6-Tribromophenol	70.3 %	21.3-122	1		08/16/04 1:53	LMK	1154039
Surr: 2-Fluorobiphenyl	58.8 %	21.9-102	1		08/16/04 1:53	LMK	1154039
Surr: 2-Fluorophenol	31.3 %	6.24-56.6	1		08/16/04 1:53	LMK	1154039
Surr: 4-Terphenyl-d14	40.3 %	46.9-123	1	*	08/16/04 1:53	LMK	1154039
Surr: Nitrobenzene-d5	61.9 %	16-109	1		08/16/04 1:53	LMK	1154039
Surr: Phenol-d5	23.5 %	4.15-42.2	1		08/16/04 1:53	LMK	1154039

Prep Method	Prep Date	Prep Initials	Prep Factor
	08/13/2004 15:12	JH	1.00

TOTAL ORGANIC CARBON			MCL	E415.1	Units: mg/L		
Organic Carbon,Total	53.8	5		5	08/16/04 10:49	RJD	1155032

TOTAL SUSPENDED SOLIDS			MCL	E160.2	Units: mg/L		
Suspended Solids (Residue,Non-Filterable)	20	4		1	08/18/04 9:30	DB	1158230

VOLATILE ORGANICS BY METHOD 624			MCL	E624	Units: ug/L		
1,1-Dichloroethane	ND	5		1	08/14/04 5:59	FJA	1153907
1,2-Dichloroethane	8.5	5		1	08/14/04 5:59	FJA	1153907
Benzene	ND	5		1	08/14/04 5:59	FJA	1153907
Chloroethane	ND	5		1	08/14/04 5:59	FJA	1153907
Ethylbenzene	ND	5		1	08/14/04 5:59	FJA	1153907
Methylene chloride	ND	10		1	08/14/04 5:59	FJA	1153907
Tetrachloroethene	ND	5		1	08/14/04 5:59	FJA	1153907
Toluene	ND	5		1	08/14/04 5:59	FJA	1153907
Vinyl chloride	ND	25		1	08/14/04 5:59	FJA	1153907
Xylenes,Total	ND	5		1	08/14/04 5:59	FJA	1153907
Surr: 1,2-Dichloroethane-d4	104 %	81.7-124		1	08/14/04 5:59	FJA	1153907
Surr: Toluene-d8	100 %	90.4-109		1	08/14/04 5:59	FJA	1153907
Surr: 4-Bromofluorobenzene	96.1 %	79.9-115		1	08/14/04 5:59	FJA	1153907

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Quality Control Documentation

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Lead, Total- By Graphite Furnace
Method: E239.2

WorkOrder: 04080476
Lab Batch ID: 29873

Method Blank

RunID: 5100ZL_040812B-1154777 Units: mg/L
Analysis Date: 08/16/2004 13:10 Analyst: SML
Preparation Date: 08/13/2004 14:15 Prep By: AMT Method E4.1.3

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080476-01E	WP-1

Analyte	Result	Rep Limit
Lead	ND	0.002

Laboratory Control Sample (LCS)

RunID: 5100ZL_040812B-1154778 Units: mg/L
Analysis Date: 08/16/2004 13:16 Analyst: SML
Preparation Date: 08/13/2004 14:15 Prep By: AMT Method E4.1.3

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Lead	0.04	0.03877	96.93	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 04080374-01
RunID: 5100ZL_040812B-1154783 Units: mg/L
Analysis Date: 08/16/2004 13:44 Analyst: SML
Preparation Date: 08/13/2004 14:15 Prep By: AMT Method E4.1.3

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Lead	0.002096	0.04	0.03996	94.66	0.04	0.04026	95.42	0.7574	20	70	130

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500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Semivolatile Organics by Method 625
Method: E625

WorkOrder: 04080476
Lab Batch ID: 29878

Method Blank

RunID: A_040815A-1154036 Units: ug/L
Analysis Date: 08/15/2004 14:22 Analyst: LMK
Preparation Date: 08/13/2004 15:12 Prep By: JH Method

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080476-01D	WP-1

Analyte	Result	Rep Limit
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Diphenylhydrazine	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,4-Dinitrotoluene	ND	5.0
2,6-Dinitrotoluene	ND	5.0
2-Chloronaphthalene	ND	5.0
3,3'-Dichlorobenzidine	ND	5.0
4-Bromophenyl phenyl ether	ND	5.0
4-Chlorophenyl phenyl ether	ND	5.0
Acenaphthene	ND	5.0
Acenaphthylene	ND	5.0
Anthracene	ND	5.0
Benzidine	ND	10
Benzo(a)pyrene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Bis(2-chloroethoxy)methane	ND	5.0
Bis(2-chloroethyl)ether	ND	5.0
Bis(2-chloroisopropyl)ether	ND	5.0
Bis(2-ethylhexyl)phthalate	ND	5.0
Butyl benzyl phthalate	ND	5.0
Chrysene	ND	5.0
Di-n-butyl phthalate	ND	5.0
Di-n-octyl phthalate	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Diethyl phthalate	ND	5.0
Dimethyl phthalate	ND	5.0
Fluoranthene	ND	5.0
Fluorene	ND	5.0
Hexachlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Hexachlorocyclopentadiene	ND	10
Hexachloroethane	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Isophorone	ND	5.0
N-Nitroso-di-n-propylamine	ND	10
N-Nitrosodimethylamine	ND	5.0
N-Nitrosodiphenylamine	ND	5.0
Naphthalene	ND	5.0
Nitrobenzene	ND	5.0
Phenanthrene	ND	5.0
Pyrene	ND	5.0
Surr: 2,4,6-Tribromophenol	85.5	21.3-122
Surr: 2-Fluorobiphenyl	64.1	21.9-102
Surr: 2-Fluorophenol	32.1	6.24-56.6

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LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Semivolatile Organics by Method 625
Method: E625
WorkOrder: 04080476
Lab Batch ID: 29878

Method Blank

RunID: A_040815A-1154036 Units: ug/L
Analysis Date: 08/15/2004 14:22 Analyst: LMK
Preparation Date: 08/13/2004 15:12 Prep By: JH Method

Analyte	Result	Rep Limit
Surr: 4-Terphenyl-d14	59.1	46.9-123
Surr: Nitrobenzene-d5	62.1	16-109
Surr: Phenol-d5	24.7	4.15-42.2

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: A_040815A-1154037 Units: ug/L
Analysis Date: 08/15/2004 14:55 Analyst: LMK
Preparation Date: 08/13/2004 15:12 Prep By: JH Method

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,2,4-Trichlorobenzene	50	28.6	57.2	50.0	25.4	50.9	11.8	40	44	142
1,2-Dichlorobenzene	50	27.4	54.7	50.0	24.7	49.4	10.2	40	32	129
1,3-Dichlorobenzene	50	26.2	52.4	50.0	23.6	47.3	10.3	40	1	172
1,4-Dichlorobenzene	50	26.8	53.5	50.0	23.9	47.8	11.2	40	20	124
2,4,6-Trichlorophenol	50	39.5	79.1	50.0	31.8	63.7	21.5	40	37	144
2,4-Dichlorophenol	50	34.3	68.6	50.0	28.2	56.4	19.5	40	39	135
2,4-Dimethylphenol	50	32.4	64.7	50.0	27.4	54.8	16.6	40	32	119
2,4-Dinitrophenol	50	60.6	121	50.0	51.0	102	17.2	40	1	191
2,4-Dinitrotoluene	50	38.9	77.7	50.0	33.6	67.2	14.5	40	39	139
2,6-Dinitrotoluene	50	36.5	73.0	50.0	32.6	65.3	11.2	40	50	158
2-Chloronaphthalene	50	32.5	65.0	50.0	28.4	56.7 *	13.6	40	60	118
2-Chlorophenol	50	30.9	61.8	50.0	25.8	51.6	18.0	40	23	134
2-Nitrophenol	50	36.6	73.2	50.0	30.2	60.3	19.3	40	29	182
3,3'-Dichlorobenzidine	50	87.7	175	50.0	79.8	160	9.5	40	1	262
4,6-Dinitro-2-methylphenol	50	42.5	85.1	50.0	34.7	69.5	20.2	40	1	181
4-Bromophenyl phenyl ether	50	35.1	70.2	50.0	30.9	61.9	12.7	40	53	127
4-Chloro-3-methylphenol	50	34.4	68.7	50.0	28.7	57.5	17.9	40	22	147
4-Chlorophenyl phenyl ether	50	33.2	66.4	50.0	29.6	59.1	11.6	40	25	158
4-Nitrophenol	50	23.4	46.7	50.0	20.0	39.9	15.6	40	1	132
Acenaphthene	50	33.4	66.9	50.0	29.2	58.5	13.5	40	47	145
Acenaphthylene	50	33.6	67.2	50.0	29.0	57.9	14.9	40	33	145
Anthracene	50	35.7	71.4	50.0	31.5	63.1	12.4	40	27	133
Benz(a)anthracene	50	35.5	71.0	50.0	31.6	63.1	11.8	40	33	143
Benzidine	50	23.2	46.3	50.0	37.5	74.9	47.2	40	30	150

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04080476
Method: E625 **Lab Batch ID:** 29878

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: A_040815A-1154037 Units: ug/L
Analysis Date: 08/15/2004 14:55 Analyst: LMK
Preparation Date: 08/13/2004 15:12 Prep By: JH Method

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Benzo(a)pyrene	50	35.4	70.8	50.0	30.5	60.9	15.0	40	17	163
Benzo(b)fluoranthene	50	35.5	71.0	50.0	29.8	59.7	17.3	40	24	159
Benzo(g,h,i)perylene	50	37.0	74.0	50.0	31.8	63.6	15.0	40	1	219
Benzo(k)fluoranthene	50	34.5	69.0	50.0	30.3	60.6	12.9	40	11	162
Bis(2-chloroethoxy)methane	50	34.0	68.0	50.0	28.9	57.7	16.3	40	33	184
Bis(2-chloroethyl)ether	50	47.9	95.8	50.0	30.1	60.1	45.7	40	12	158
Bis(2-chloroisopropyl)ether	50	31.9	63.8	50.0	28.1	56.2	12.8	40	36	166
Bis(2-ethylhexyl)phthalate	50	37.2	74.5	50.0	33.0	65.9	12.2	40	8	158
Butyl benzyl phthalate	50	29.3	58.7	50.0	21.9	43.8	29.0	40	1	152
Chrysene	50	35.6	71.2	50.0	31.4	62.8	12.5	40	17	168
Di-n-butyl phthalate	50	33.3	66.6	50.0	28.0	56.1	17.2	40	1	118
Di-n-octyl phthalate	50	37.2	74.5	50.0	33.9	67.9	9.3	40	4	146
Dibenz(a,h)anthracene	50	37.4	74.9	50.0	33.2	66.5	11.9	40	1	227
Diethyl phthalate	50	24.6	49.3	50.0	19.4	38.8	23.9	40	1	114
Dimethyl phthalate	50	10.2	20.4	50.0	6.47	12.9	44.9	40	1	112
Fluoranthene	50	35.3	70.6	50.0	31.2	62.4	12.3	40	26	137
Fluorene	50	34.2	68.5	50.0	29.7	59.5	14.0	40	59	121
Hexachlorobenzene	50	35.3	70.7	50.0	31.7	63.3	11.0	40	1	152
Hexachlorobutadiene	50	25.0	50.0	50.0	22.7	45.4	9.8	40	24	116
Hexachlorocyclopentadiene	50	21.3	42.6	50.0	19.5	39.0	8.8	40	30	150
Hexachloroethane	50	25.6	51.2	50.0	23.2	46.5	9.6	40	40	113
Indeno(1,2,3-cd)pyrene	50	36.6	73.3	50.0	35.6	71.1	2.9	40	1	171
Isophorone	50	33.4	66.7	50.0	28.5	57.0	15.7	40	21	196
N-Nitroso-di-n-propylamine	50	34.9	69.8	50.0	29.6	59.1	16.6	40	1	230
N-Nitrosodiphenylamine	50	33.4	66.8	50.0	30.4	60.8	9.4	40	30	150
Naphthalene	50	30.4	60.8	50.0	26.9	53.9	12.1	40	21	133
Nitrobenzene	50	33.6	67.2	50.0	30.1	60.3	10.9	40	35	180
Pentachlorophenol	50	47.9	95.7	50.0	41.1	82.3	15.1	40	14	176
Phenanthrene	50	34.8	69.6	50.0	31.0	62.0	11.6	40	54	120
Phenol	50	17.0	33.9	50.0	13.3	26.6	24.2	40	5	112
Pyrene	50	36.2	72.4	50.0	31.4	62.8	14.3	40	52	115
1,2-Dichlorobenzene-d4	50	0	0 *	50.0	0	0 *	0.0	0	16.4	88.1
2-Chlorophenol-d4	75	0	0 *	75.0	0	0 *	0.0	0	21.8	93.4

Qualifiers:
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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

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Analysis: Volatile Organics by Method 624
Method: E624
WorkOrder: 04080476
Lab Batch ID: R80371

Method Blank

RunID: G_040814A-1153905 Units: ug/L
Analysis Date: 08/14/2004 5:33 Analyst: FJA

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080476-01C	WP-1

Analyte	Result	Rep Limit
1,1-Dichloroethane	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Chloroethane	ND	5.0
Ethylbenzene	ND	5.0
Methylene chloride	ND	10
Tetrachloroethene	ND	5.0
Toluene	ND	5.0
Vinyl chloride	ND	25
Surr: 1,2-Dichloroethane-d4	103.0	81.7-124
Surr: 4-Bromofluorobenzene	97.3	79.9-115
Surr: Toluene-d8	100.4	90.4-109

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: G_040814A-1153902 Units: ug/L
Analysis Date: 08/14/2004 4:43 Analyst: FJA

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,1,1-Trichloroethane	20	19.6	98.1	20.0	19.9	99.3	1.2	20	52	162
1,1,2,2-Tetrachloroethane	20	16.4	82.2	20.0	18.4	91.9	11.1	20	46	157
1,1,2-Trichloroethane	20	20.4	102	20.0	20.1	100	1.3	20	52	150
1,1-Dichloroethane	20	20.3	102	20.0	21.0	105	3.3	20	59	155
1,1-Dichloroethene	20	18.2	91.1	20.0	18.7	93.4	2.5	20	0	234
1,2-Dichloroethane	20	18.4	92.2	20.0	17.5	87.4	5.3	20	49	155
1,2-Dichloropropane	20	19.8	98.8	20.0	20.1	100	1.6	20	0	210
2-Chloroethyl vinyl ether	20	36.7	183	20.0	39.3	196	6.9	20	0	305
Benzene	20	19.8	99.0	20.0	20.2	101	1.8	20	37	151
Bromodichloromethane	20	20.1	100	20.0	20.2	101	0.3	20	35	151
Bromoform	20	17.2	85.8	20.0	18.9	94.4	9.6	20	45	169
Bromomethane	20	13.8	69.2	20.0	14.8	73.8	6.6	20	0	242
Carbon tetrachloride	20	18.1	90.7	20.0	19.2	96.2	5.9	20	70	140
Chlorobenzene	20	19.4	97.2	20.0	20.2	101	4.1	20	37	160
Chloroethane	20	19.0	94.8	20.0	19.7	98.6	3.9	20	14	230
Chloroform	20	20.9	105	20.0	20.6	103	1.3	20	51	138
Chloromethane	20	13.5	67.4	20.0	14.9	74.4	9.9	20	0	273

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

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Analysis: Volatile Organics by Method 624
Method: E624

WorkOrder: 04080476
Lab Batch ID: R80371

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: G_040814A-1153902 Units: ug/L
Analysis Date: 08/14/2004 4:43 Analyst: FJA

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
cis-1,3-Dichloropropene	20	20.0	99.8	20.0	20.6	103	3.4	20	0	227
Dibromochloromethane	20	18.7	93.7	20.0	20.1	101	7.0	20	53	149
Ethylbenzene	20	18.9	94.6	20.0	19.8	99.0	4.5	20	37	162
Methylene chloride	20	20.5	103	20.0	20.2	101	1.6	20	0	221
Tetrachloroethene	20	18.8	93.8	20.0	19.9	99.7	6.0	20	64	168
Toluene	20	19.2	96.1	20.0	20.3	102	5.6	20	47	150
trans-1,3-Dichloropropene	20	19.4	97.0	20.0	19.9	99.6	2.6	20	17	183
Trichloroethene	20	19.6	98.2	20.0	20.6	103	5.0	20	71	157
Trichlorofluoromethane	20	19.7	98.4	20.0	19.7	98.7	0.3	20	17	181
Vinyl chloride	20	11.5	57.7	20.0	13.0	65.0	12.0	20	0	251
trans-1,2-Dichloroethene	20	20.1	100	20.0	20.7	103	3.0	20	54	156

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

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Analysis: Oil & Grease,Total Recoverable
Method: E413.1

WorkOrder: 04080476
Lab Batch ID: R80350

Method Blank

RunID: WET_040813L-1153428 Units: mg/L
Analysis Date: 08/13/2004 15:00 Analyst: DB

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080476-01A	WP-1

Analyte	Result	Rep Limit
Oil & Grease,Total Recoverable	ND	5.0

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: WET_040813L-1153429 Units: mg/L
Analysis Date: 08/13/2004 15:00 Analyst: DB

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Oil & Grease,Total Recoverable	30	29.00	96.67	30.00	27.00	90.00	7.1	20	80	120

Qualifiers:
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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

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Analysis: pH
Method: E150.1

WorkOrder: 04080476
Lab Batch ID: R80378

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080476-01D	WP-1

Sample Duplicate

Original Sample: 04080454-01
RunID: WET_040813P-1154029 Units: Std Units
Analysis Date: 08/13/2004 16:00 Analyst: DB

Analyte	Sample Result	DUP Result	RPD	RPD Limit
pH	7.44	7.43	0.134	20

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

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Analysis: Phenolics,Total Recoverable
Method: E420.1

WorkOrder: 04080476
Lab Batch ID: R80413

Method Blank

RunID: WET_040816E-1154623 Units: mg/L
Analysis Date: 08/16/2004 13:54 Analyst: AG

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080476-01F	WP-1

Analyte	Result	Rep Limit
Phenolics,Total Recoverable	ND	0.010

Laboratory Control Sample (LCS)

RunID: WET_040816E-1154624 Units: mg/L
Analysis Date: 08/16/2004 13:54 Analyst: AG

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Phenolics,Total Recoverable	0.05	0.04900	98.00	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 04080476-01
RunID: WET_040816E-1154626 Units: mg/L
Analysis Date: 08/16/2004 13:54 Analyst: AG

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Phenolics,Total Recoverable	0.07200	0.05	0.1250	106.0	0.05	0.1240	104.0	0.8032	20	80	120

Qualifiers:
ND/U - Not Detected at the Reporting Limit
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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

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Analysis: Chemical Oxygen Demand
Method: E410.4

WorkOrder: 04080476
Lab Batch ID: R80416

Method Blank

RunID: WET_040816G-1154678 Units: mg/L
Analysis Date: 08/16/2004 10:00 Analyst: JMH

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080476-01F	WP-1

Analyte	Result	Rep Limit
Chemical Oxygen Demand	ND	5.0

Laboratory Control Sample (LCS)

RunID: WET_040816G-1154679 Units: mg/L
Analysis Date: 08/16/2004 10:00 Analyst: JMH

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chemical Oxygen Demand	40	37.94	94.85	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 04080476-01
RunID: WET_040816G-1154681 Units: mg/L
Analysis Date: 08/16/2004 10:00 Analyst: JMH

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chemical Oxygen Demand	179.9	200	384.7	102.4	200	381.4	100.8	0.8562	20	80	120

Qualifiers:
ND/U - Not Detected at the Reporting Limit
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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

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Analysis: Total Organic Carbon
Method: E415.1

WorkOrder: 04080476
Lab Batch ID: R80442

Method Blank

RunID: TOC_040816A-1155022 Units: mg/L
Analysis Date: 08/16/2004 10:49 Analyst: RJD

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080476-01B	WP-1

Analyte	Result	Rep Limit
Organic Carbon,Total	ND	1.0

Laboratory Control Sample (LCS)

RunID: TOC_040816A-1155023 Units: mg/L
Analysis Date: 08/16/2004 10:49 Analyst: RJD

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Organic Carbon,Total	10	9.545	95.45	90	110

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 04080407-09
RunID: TOC_040816A-1155025 Units: mg/L
Analysis Date: 08/16/2004 10:49 Analyst: RJD

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Organic Carbon,Total	1.931	10	11.27	93.39	10	11.21	92.79	0.5338	20	80	120

Qualifiers:
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J - Estimated value between MDL and PQL
MI - Matrix Interference
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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Total Suspended Solids
Method: E160.2
WorkOrder: 04080476
Lab Batch ID: R80658

Method Blank

RunID: WET_040818F-1158224 Units: mg/L
Analysis Date: 08/18/2004 9:30 Analyst: DB

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080476-01G	WP-1

Analyte	Result	Rep Limit
Suspended Solids (Residue,Non-Filterable)	ND	4.0

Laboratory Control Sample (LCS)

RunID: WET_040818F-1158225 Units: mg/L
Analysis Date: 08/18/2004 9:30 Analyst: DB

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Suspended Solids (Residue,Non-Filtera	250	249.0	99.60	90	110

Sample Duplicate

Original Sample: 04070942-01
RunID: WET_040818F-1158227 Units: mg/L
Analysis Date: 08/18/2004 9:30 Analyst: DB

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Suspended Solids (Residue,Non-Filtera	8	9	11.8	20

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

8/18/04 3:43:20 PM

Sample Receipt Checklist
And
Chain of Custody

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Sample Receipt Checklist

Workorder:	04080476	Received By:	GTS
Date and Time Received:	8/13/04 11:40:37 AM	Carrier name:	Client Pickup
Temperature:	°C	Chilled by:	

		Yes	No	Not Present
1.	Shipping container/cooler in good condition?	☑	☐	☐
2.	Custody seals intact on shippping container/cooler?	☑	☐	☐
3.	Custody seals intact on sample bottles?	☐	☐	☑
4.	Chain of custody present?	☑	☐	
5.	Chain of custody signed when relinquished and received?	☑	☐	
6.	Chain of custody agrees with sample labels?	☑	☐	
7.	Samples in proper container/bottle?	☑	☐	
8.	Sample containers intact?	☑	☐	
9.	Sufficient sample volume for indicated test?	☑	☐	
10.	All samples received within holding time?	☑	☐	
11.	Container/Temp Blank temperature in compliance?	☑	☐	
12.	Water - VOA vials have zero headspace?	☑	☐	Not Applicable ☐
13.	Water - pH acceptable upon receipt?	☑	☐	Not Applicable ☐

SPL Representative: **Contact Date & Time:**

Client Name Contacted:

Non Conformance Issues:

Client Instructions:

GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name	Client #	Workorder #	Due Date
		04080476	

Report to:
Client: MICHAEL PISANI + ASSOC
Address: 1100 POYDRAS ST. #1430 NEW ORLEANS, LA 70163
Contact: ROB LESLIE
Phone: 504.582.2468
Fax: 504.582.2470

Bill to:
Client:
Address:
Contact: SAME
Phone:
Fax:

P.O. Number:
Project Name/Number: SBA-SHIPYARD / 26.01
Sampled By: BRAD BLAHOCK

Analytical Requests & Method

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	Oil + Grease	TOC	VOC's 624	SVOC's* 625	Total Lead 239.2	COD, Total Phenols	pH					Lab ID
W	08/13/04	0845		-	WP-1	ice	10	2	1	3	2	1	1	1					10

Client - 2, RS83-FS2; 3W; 3

Lab use only:
Custody Seal
used ☐ yes ☐ no
in tact ☐ yes ☐ no
Temperature °C

Remarks:

RUSH

Turn Around Time: ☑ 24-48 hrs. ☐ 3 days ☐ 1 week ☐ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	8/13/04	10:50
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note: * 1 SV sample taken in clear glass jar + immediately sealed in dark cooler.

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

3CAL-06 11/98

WP-1 8/17/

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Case Narrative for:

MICHAEL PISANI & ASSOCIATES, INC.

Certificate of Analysis Number:

04080599

Report To:		Project Name:	JENNINGS, LA
MICHAEL PISANI & ASSOCIATES, INC.		Site:	SBA - SHIPYARD 26.01
ROBERT E. LESLIE, Jr.		Site Address:	
1430 ENERGY CENTRE			JENNINGS LA
1100 POYDRAS STREET		PO Number:	
NEW ORLEANS		State:	Louisiana
LA		State Cert. No.:	
70163-			
ph: (504) 582-2468	fax:	Date Reported:	8/18/04

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process. If insufficient sample is supplied for MS/MSD, a Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) are reported with the analytical batch and serve as the batch quality control (QC). Results are reported on a Wet Weight Basis unless otherwise noted in the sample unit field as -dry.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

TOTAL NUMBER OF PAGES IN THIS REPORT: 11 PAGES

Donna B. LeBlanc

Donna B. LeBlanc
Project Manager

8/18/04
Date

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

MICHAEL PISANI & ASSOCIATES, INC.

Certificate of Analysis Number:

04080599

Report To: MICHAEL PISANI & ASSOCIATES, INC.
ROBERT E. LESLIE, Jr.
1430 ENERGY CENTRE
1100 POYDRAS STREET
NEW ORLEANS
LA
70163-
ph: (504) 582-2468 fax: (504) 582-2470

Fax To:

Project Name: JENNINGS, LA
Site: SBA - SHIPYARD 26.01
Site Address:
JENNINGS LA
PO Number:
State: Louisiana
State Cert. No.:
Date Reported: 8/18/04

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
WP-1	04080599-01	Water	8/17/04 6:45:00 AM	8/17/04 8:00:00 AM	221388	

Donna B. LeBlanc
Project Manager

8/18/04
Date

John D. Trahan
Laboratory Director

Tristan Davis
Quality Assurance Officer

8/18/04 12:49:15 PM

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID WP-1 **Collected:** 08/17/2004 6:45 **SPL Sample ID:** 04080599-01

Site: SBA - SHIPYARD 26.01

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 625		**MCL**		**E625**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND	5	1		08/18/04 6:41	LMK	1157395
1,2-Dichlorobenzene	ND	5	1		08/18/04 6:41	LMK	1157395
1,2-Diphenylhydrazine	ND	5	1		08/18/04 6:41	LMK	1157395
1,3-Dichlorobenzene	ND	5	1		08/18/04 6:41	LMK	1157395
1,4-Dichlorobenzene	ND	5	1		08/18/04 6:41	LMK	1157395
2,4-Dinitrotoluene	ND	5	1		08/18/04 6:41	LMK	1157395
2,6-Dinitrotoluene	ND	5	1		08/18/04 6:41	LMK	1157395
2-Chloronaphthalene	ND	5	1		08/18/04 6:41	LMK	1157395
3,3'-Dichlorobenzidine	ND	5	1		08/18/04 6:41	LMK	1157395
4-Bromophenyl phenyl ether	ND	5	1		08/18/04 6:41	LMK	1157395
4-Chlorophenyl phenyl ether	ND	5	1		08/18/04 6:41	LMK	1157395
Acenaphthene	ND	5	1		08/18/04 6:41	LMK	1157395
Acenaphthylene	ND	5	1		08/18/04 6:41	LMK	1157395
Anthracene	ND	5	1		08/18/04 6:41	LMK	1157395
Benzidine	ND	10	1		08/18/04 6:41	LMK	1157395
Benzo(a)pyrene	ND	5	1		08/18/04 6:41	LMK	1157395
Benzo(b)fluoranthene	ND	5	1		08/18/04 6:41	LMK	1157395
Benzo(g,h,i)perylene	ND	5	1		08/18/04 6:41	LMK	1157395
Benzo(k)fluoranthene	ND	5	1		08/18/04 6:41	LMK	1157395
Bis(2-chloroethoxy)methane	ND	5	1		08/18/04 6:41	LMK	1157395
Bis(2-chloroethyl)ether	ND	5	1		08/18/04 6:41	LMK	1157395
Bis(2-chloroisopropyl)ether	ND	5	1		08/18/04 6:41	LMK	1157395
Bis(2-ethylhexyl)phthalate	ND	5	1		08/18/04 6:41	LMK	1157395
Butyl benzyl phthalate	ND	5	1		08/18/04 6:41	LMK	1157395
Chrysene	ND	5	1		08/18/04 6:41	LMK	1157395
Di-n-butyl phthalate	ND	5	1		08/18/04 6:41	LMK	1157395
Di-n-octyl phthalate	ND	5	1		08/18/04 6:41	LMK	1157395
Dibenz(a,h)anthracene	ND	5	1		08/18/04 6:41	LMK	1157395
Diethyl phthalate	ND	5	1		08/18/04 6:41	LMK	1157395
Dimethyl phthalate	ND	5	1		08/18/04 6:41	LMK	1157395
Fluoranthene	ND	5	1		08/18/04 6:41	LMK	1157395
Fluorene	ND	5	1		08/18/04 6:41	LMK	1157395
Hexachlorobenzene	ND	5	1		08/18/04 6:41	LMK	1157395
Hexachlorobutadiene	ND	5	1		08/18/04 6:41	LMK	1157395
Hexachlorocyclopentadiene	ND	10	1		08/18/04 6:41	LMK	1157395
Hexachloroethane	ND	5	1		08/18/04 6:41	LMK	1157395
Indeno(1,2,3-cd)pyrene	ND	5	1		08/18/04 6:41	LMK	1157395
Isophorone	ND	5	1		08/18/04 6:41	LMK	1157395
N-Nitroso-di-n-propylamine	ND	10	1		08/18/04 6:41	LMK	1157395
N-Nitrosodimethylamine	ND	5	1		08/18/04 6:41	LMK	1157395

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID WP-1 **Collected:** 08/17/2004 6:45 **SPL Sample ID:** 04080599-01

Site: **SBA - SHIPYARD 26.01**

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
N-Nitrosodiphenylamine	ND	5	1		08/18/04 6:41	LMK	1157395
Naphthalene	ND	5	1		08/18/04 6:41	LMK	1157395
Nitrobenzene	ND	5	1		08/18/04 6:41	LMK	1157395
Phenanthrene	ND	5	1		08/18/04 6:41	LMK	1157395
Pyrene	ND	5	1		08/18/04 6:41	LMK	1157395
Surr: 2,4,6-Tribromophenol	79.1 %	21.3-122	1		08/18/04 6:41	LMK	1157395
Surr: 2-Fluorobiphenyl	60.9 %	21.9-102	1		08/18/04 6:41	LMK	1157395
Surr: 2-Fluorophenol	38.1 %	6.24-56.6	1		08/18/04 6:41	LMK	1157395
Surr: 4-Terphenyl-d14	42.6 %	46.9-123	1	*	08/18/04 6:41	LMK	1157395
Surr: Nitrobenzene-d5	63.6 %	16-109	1		08/18/04 6:41	LMK	1157395
Surr: Phenol-d5	30.3 %	4.15-42.2	1		08/18/04 6:41	LMK	1157395

Prep Method	Prep Date	Prep Initials	Prep Factor
	08/17/2004 10:01	JH	1.00

Qualifiers:

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>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

JENNINGS, LA

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04080599
Method: E625 **Lab Batch ID:** 29961

Method Blank

RunID: A_040818A-1157386 Units: ug/L
Analysis Date: 08/18/2004 5:03 Analyst: LMK
Preparation Date: 08/17/2004 10:01 Prep By: JH Method

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080599-01A	WP-1

Analyte	Result	Rep Limit
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Diphenylhydrazine	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,4-Dinitrotoluene	ND	5.0
2,6-Dinitrotoluene	ND	5.0
2-Chloronaphthalene	ND	5.0
3,3'-Dichlorobenzidine	ND	5.0
4-Bromophenyl phenyl ether	ND	5.0
4-Chlorophenyl phenyl ether	ND	5.0
Acenaphthene	ND	5.0
Acenaphthylene	ND	5.0
Anthracene	ND	5.0
Benzidine	ND	10
Benzo(a)pyrene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Bis(2-chloroethoxy)methane	ND	5.0
Bis(2-chloroethyl)ether	ND	5.0
Bis(2-chloroisopropyl)ether	ND	5.0
Bis(2-ethylhexyl)phthalate	ND	5.0
Butyl benzyl phthalate	ND	5.0
Chrysene	ND	5.0
Di-n-butyl phthalate	ND	5.0
Di-n-octyl phthalate	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Diethyl phthalate	ND	5.0
Dimethyl phthalate	ND	5.0
Fluoranthene	ND	5.0
Fluorene	ND	5.0
Hexachlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Hexachlorocyclopentadiene	ND	10
Hexachloroethane	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Isophorone	ND	5.0
N-Nitroso-di-n-propylamine	ND	10
N-Nitrosodimethylamine	ND	5.0
N-Nitrosodiphenylamine	ND	5.0
Naphthalene	ND	5.0
Nitrobenzene	ND	5.0
Phenanthrene	ND	5.0
Pyrene	ND	5.0
Surr: 2,4,6-Tribromophenol	65.5	21.3-122
Surr: 2-Fluorobiphenyl	57.2	21.9-102
Surr: 2-Fluorophenol	28.6	6.24-56.6

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

JENNINGS, LA

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04080599
Method: E625 **Lab Batch ID:** 29961

Method Blank

RunID: A_040818A-1157386 Units: ug/L
Analysis Date: 08/18/2004 5:03 Analyst: LMK
Preparation Date: 08/17/2004 10:01 Prep By: JH Method

Analyte	Result	Rep Limit
Surr: 4-Terphenyl-d14	58.6	46.9-123
Surr: Nitrobenzene-d5	59.2	16-109
Surr: Phenol-d5	20.7	4.15-42.2

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: A_040818A-1157390 Units: ug/L
Analysis Date: 08/18/2004 5:36 Analyst: LMK
Preparation Date: 08/17/2004 10:01 Prep By: JH Method

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,2,4-Trichlorobenzene	50	21.8	43.7 *	50.0	20.9	41.9 *	4.3	40	44	142
1,2-Dichlorobenzene	50	19.4	38.8	50.0	19.4	38.9	0.4	40	32	129
1,3-Dichlorobenzene	50	18.2	36.3	50.0	17.8	35.5	2.1	40	1	172
1,4-Dichlorobenzene	50	18.5	37.0	50.0	19.0	37.9	2.3	40	20	124
2,4,6-Trichlorophenol	50	32.2	64.3	50.0	31.8	63.7	1.0	40	37	144
2,4-Dichlorophenol	50	28.6	57.1	50.0	29.2	58.4	2.2	40	39	135
2,4-Dimethylphenol	50	27.3	54.5	50.0	28.1	56.2	3.0	40	32	119
2,4-Dinitrophenol	50	34.1	68.3	50.0	38.1	76.1	10.9	40	1	191
2,4-Dinitrotoluene	50	32.3	64.6	50.0	32.0	64.0	1.1	40	39	139
2,6-Dinitrotoluene	50	31.6	63.3	50.0	30.9	61.8	2.4	40	50	158
2-Chloronaphthalene	50	27.3	54.6 *	50.0	26.9	53.9 *	1.4	40	60	118
2-Chlorophenol	50	25.7	51.5	50.0	25.8	51.7	0.4	40	23	134
2-Nitrophenol	50	30.3	60.7	50.0	31.2	62.4	2.8	40	29	182
3,3'-Dichlorobenzidine	50	72.2	144	50.0	71.3	143	1.3	40	1	262
4,6-Dinitro-2-methylphenol	50	25.8	51.7	50.0	27.4	54.7	5.7	40	1	181
4-Bromophenyl phenyl ether	50	29.5	58.9	50.0	28.5	57.1	3.2	40	53	127
4-Chloro-3-methylphenol	50	28.5	57.0	50.0	28.6	57.2	0.4	40	22	147
4-Chlorophenyl phenyl ether	50	29.2	58.5	50.0	28.6	57.2	2.3	40	25	158
4-Nitrophenol	50	17.0	34.0	50.0	19.1	38.2	11.8	40	1	132
Acenaphthene	50	28.2	56.5	50.0	28.1	56.2	0.6	40	47	145
Acenaphthylene	50	29.0	58.0	50.0	28.7	57.4	1.1	40	33	145
Anthracene	50	30.1	60.2	50.0	29.1	58.2	3.3	40	27	133
Benz(a)anthracene	50	30.0	59.9	50.0	29.8	59.6	0.6	40	33	143
Benzidine	50	29.4	58.8	50.0	29.5	59.0	0.2	40	30	150

Qualifiers:
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MI - Matrix Interference
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LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

JENNINGS, LA

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04080599
Method: E625 **Lab Batch ID:** 29961

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: A_040818A-1157390 Units: ug/L
Analysis Date: 08/18/2004 5:36 Analyst: LMK
Preparation Date: 08/17/2004 10:01 Prep By: JH Method

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Benzo(a)pyrene	50	29.4	58.7	50.0	29.3	58.7	0.1	40	17	163
Benzo(b)fluoranthene	50	27.9	55.8	50.0	27.8	55.7	0.2	40	24	159
Benzo(g,h,i)perylene	50	27.8	55.6	50.0	27.2	54.4	2.2	40	1	219
Benzo(k)fluoranthene	50	28.2	56.3	50.0	27.2	54.4	3.4	40	11	162
Bis(2-chloroethoxy)methane	50	28.7	57.4	50.0	29.0	58.1	1.1	40	33	184
Bis(2-chloroethyl)ether	50	25.9	51.9	50.0	26.6	53.2	2.5	40	12	158
Bis(2-chloroisopropyl)ether	50	26.7	53.5	50.0	27.2	54.4	1.8	40	36	166
Bis(2-ethylhexyl)phthalate	50	29.9	59.9	50.0	29.8	59.6	0.4	40	8	158
Butyl benzyl phthalate	50	21.7	43.4	50.0	21.7	43.4	0.0	40	1	152
Chrysene	50	29.6	59.1	50.0	29.7	59.3	0.3	40	17	168
Di-n-butyl phthalate	50	24.1	48.2	50.0	24.0	48.1	0.2	40	1	118
Di-n-octyl phthalate	50	30.7	61.4	50.0	30.7	61.4	0.0	40	4	146
Dibenz(a,h)anthracene	50	29.7	59.4	50.0	29.1	58.2	2.0	40	1	227
Diethyl phthalate	50	9.24	18.5	50.0	9.72	19.4	5.1	40	1	114
Dimethyl phthalate	50	0	0 *	50.0	0	0 *	0.0	40	1	112
Fluoranthene	50	31.5	63.0	50.0	30.5	61.1	3.1	40	26	137
Fluorene	50	29.4	58.7 *	50.0	29.0	57.9 *	1.3	40	59	121
Hexachlorobenzene	50	29.7	59.4	50.0	28.8	57.6	3.2	40	1	152
Hexachlorobutadiene	50	18.7	37.4	50.0	16.0	32.0	15.5	40	24	116
Hexachlorocyclopentadiene	50	11.2	22.4 *	50.0	11.2	22.3 *	0.4	40	30	150
Hexachloroethane	50	16.5	33.0 *	50.0	15.0	30.0 *	9.4	40	40	113
Indeno(1,2,3-cd)pyrene	50	35.0	70.0	50.0	34.4	68.8	1.7	40	1	171
Isophorone	50	28.7	57.5	50.0	28.5	56.9	0.9	40	21	196
N-Nitroso-di-n-propylamine	50	29.4	58.9	50.0	29.3	58.5	0.5	40	1	230
N-Nitrosodiphenylamine	50	30.4	60.9	50.0	29.6	59.1	2.9	40	30	150
Naphthalene	50	24.2	48.4	50.0	24.3	48.6	0.3	40	21	133
Nitrobenzene	50	28.8	57.6	50.0	28.9	57.7	0.2	40	35	180
Pentachlorophenol	50	32.8	65.5	50.0	33.1	66.2	1.0	40	14	176
Phenanthrene	50	29.8	59.6	50.0	28.9	57.8	3.0	40	54	120
Phenol	50	13.0	26.0	50.0	14.4	28.8	10.4	40	5	112
Pyrene	50	29.4	58.7	50.0	28.9	57.7	1.7	40	52	115
1,2-Dichlorobenzene-d4	50	0	0 *	50.0	0	0 *	0.0	0	16.4	88.1
2-Chlorophenol-d4	75	0	0 *	75.0	0	0 *	0.0	0	21.8	93.4

Qualifiers:
ND/U - Not Detected at the Reporting Limit
MI - Matrix Interference
B - Analyte detected in the associated Method Blank
D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

Sample Receipt Checklist
And
Chain of Custody

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Sample Receipt Checklist

Workorder:	04080599	Received By:	GAS
Date and Time Received:	8/17/04 8:00:00 AM	Carrier name:	Client Pickup
Temperature:	5°C	Chilled by:	Water Ice

		Yes	No	Not Present
1.	Shipping container/cooler in good condition?	✓		
2.	Custody seals intact on shippping container/cooler?	✓		
3.	Custody seals intact on sample bottles?			✓
4.	Chain of custody present?	✓		
5.	Chain of custody signed when relinquished and received?	✓		
6.	Chain of custody agrees with sample labels?	✓		
7.	Samples in proper container/bottle?	✓		
8.	Sample containers intact?	✓		
9.	Sufficient sample volume for indicated test?	✓		
10.	All samples received within holding time?	✓		
11.	Container/Temp Blank temperature in compliance?	✓		
12.	Water - VOA vials have zero headspace?			Not Applicable ✓
13.	Water - pH acceptable upon receipt?			Not Applicable ✓

SPL Representative:

Contact Date & Time:

Client Name Contacted:

Non Conformance Issues:

Client Instructions:

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 221388

04080599

page ____ of ____

Client Name: MICHAEL PISANI + ASSOC
Address: 1100 POYDRAS ST. #1430 N.O, LA. 70163
Phone/Fax: 504.582.2468 / 582.2470
Client Contact: ROB LESLIE Email:
Project Name/No.: SBA SHIPYARD / 26.01
Site Name: SBA
Site Location: FENNINGS, LA
Invoice To: MP+A Ph: 504.582.2468

matrix: W=water S=soil O=oil SL=sludge X=other
bottle: P=plastic A=amber glass G=glass V=vial X=other
size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other
pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

Requested Analysis

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	5VOC								
WP-1	08.17.04	0645		-	W	A	1	ice	2	X								2

RUSH
Lab Safety Supply Inc. Reorder No. 22557

Client/Consultant Remarks:

Laboratory remarks: (7) DRAFT

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 2°C

Requested TAT
Contract ☐ 72hr ☐
24hr ☑ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

1. Relinquished by Sampler: Brad Blakely	date 8/17/04	time 08:00	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date	time	6. Received by Laboratory:

☐ 8880 Interchange Drive
Houston, TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway
Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777

WP-1 8/24/04
DIS-1 8/24/04

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Case Narrative for:

MICHAEL PISANI & ASSOCIATES, INC.

Certificate of Analysis Number:

04080879

Report To:		Project Name:	MICHAEL PISANI & ASSOCIATES, INC.
MICHAEL PISANI & ASSOCIATES, INC.		Site:	SBA - SHIPYARD 26.01
ROBERT E. LESLIE, Jr.		Site Address:	
1430 ENERGY CENTRE			JENNINGS LA
1100 POYDRAS STREET		PO Number:	
NEW ORLEANS		State:	Louisiana
LA		State Cert. No.:	
70163-			
ph: (504) 582-2468	fax:	Date Reported:	8/30/04

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process. If insufficient sample is supplied for MS/MSD, a Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) are reported with the analytical batch and serve as the batch quality control (QC). Results are reported on a Wet Weight Basis unless otherwise noted in the sample unit field as -dry.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

TOTAL NUMBER OF PAGES IN THIS REPORT: 23 PAGES

Donna B. LeBlanc

Donna B. LeBlanc
Project Manager

8/30/04
Date

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

MICHAEL PISANI & ASSOCIATES, INC.

Certificate of Analysis Number:

04080879

Report To: MICHAEL PISANI & ASSOCIATES, INC.
ROBERT E. LESLIE, Jr.
1430 ENERGY CENTRE
1100 POYDRAS STREET
NEW ORLEANS
LA
70163-
ph: (504) 582-2468 fax: (504) 582-2470

Fax To:

Project Name: MICHAEL PISANI & ASSOCIATES, INC.
Site: SBA - SHIPYARD 26.01
Site Address:
JENNINGS LA
PO Number:
State: Louisiana
State Cert. No.:
Date Reported: 8/30/04

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
WP-1	04080879-01	Water	8/24/04 6:45:00 AM	8/24/04 8:50:00 AM	228079	☐
DIS-1	04080879-02	Water	8/24/04 7:00:00 AM	8/24/04 8:50:00 AM	228079	☐

Donna B. LeBlanc
Project Manager

8/30/04
Date

John D. Trahan
Laboratory Director

Tristan Davis
Quality Assurance Officer

8/30/04 8:35:58 AM

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: WP-1 **Collected:** 08/24/2004 6:45 **SPL Sample ID:** 04080879-01

Site: SBA - SHIPYARD 26.01

Analyses/Method	Result	Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
CHEMICAL OXYGEN DEMAND			MCL		E410.4	Units: mg/L		
Chemical Oxygen Demand	83.2	25		5		08/25/04 14:00	JMH	1165804
LEAD, TOTAL- BY GRAPHITE FURNACE			MCL		E239.2	Units: mg/L		
Lead	ND	0.002		1		08/25/04 17:00	KEC	1165970

Prep Method	Prep Date	Prep Initials	Prep Factor
E4.1.3	08/24/2004 16:00	RJD	1.00

OIL & GREASE,TOTAL RECOVERABLE			MCL		E413.1	Units: mg/L		
Oil & Grease,Total Recoverable	ND	5		1		08/24/04 15:00	DB	1165348
PHENOLICS,TOTAL RECOVERABLE			MCL		E420.1	Units: mg/L		
Phenolics,Total Recoverable	0.088	0.01		1		08/25/04 16:19	CBN	1165786

Qualifiers:

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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: WP-1 **Collected:** 08/24/2004 6:45 **SPL Sample ID:** 04080879-01

Site: SBA - SHIPYARD 26.01

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 625		MCL		E625	Units: ug/L		
1,2,4-Trichlorobenzene	ND	5	1		08/25/04 23:50	ADS	1166247
1,2-Dichlorobenzene	ND	5	1		08/25/04 23:50	ADS	1166247
1,2-Diphenylhydrazine	ND	5	1		08/25/04 23:50	ADS	1166247
1,3-Dichlorobenzene	ND	5	1		08/25/04 23:50	ADS	1166247
1,4-Dichlorobenzene	ND	5	1		08/25/04 23:50	ADS	1166247
2,4-Dinitrotoluene	ND	5	1		08/25/04 23:50	ADS	1166247
2,6-Dinitrotoluene	ND	5	1		08/25/04 23:50	ADS	1166247
2-Chloronaphthalene	ND	5	1		08/25/04 23:50	ADS	1166247
3,3'-Dichlorobenzidine	ND	5	1		08/25/04 23:50	ADS	1166247
4-Bromophenyl phenyl ether	ND	5	1		08/25/04 23:50	ADS	1166247
4-Chlorophenyl phenyl ether	ND	5	1		08/25/04 23:50	ADS	1166247
Acenaphthene	15	5	1		08/25/04 23:50	ADS	1166247
Acenaphthylene	ND	5	1		08/25/04 23:50	ADS	1166247
Anthracene	19	5	1		08/25/04 23:50	ADS	1166247
Benzidine	ND	10	1		08/25/04 23:50	ADS	1166247
Benzo(a)pyrene	ND	5	1		08/25/04 23:50	ADS	1166247
Benzo(b)fluoranthene	ND	5	1		08/25/04 23:50	ADS	1166247
Benzo(g,h,i)perylene	ND	5	1		08/25/04 23:50	ADS	1166247
Benzo(k)fluoranthene	ND	5	1		08/25/04 23:50	ADS	1166247
Bis(2-chloroethoxy)methane	ND	5	1		08/25/04 23:50	ADS	1166247
Bis(2-chloroethyl)ether	ND	5	1		08/25/04 23:50	ADS	1166247
Bis(2-chloroisopropyl)ether	ND	5	1		08/25/04 23:50	ADS	1166247
Bis(2-ethylhexyl)phthalate	ND	5	1		08/25/04 23:50	ADS	1166247
Butyl benzyl phthalate	ND	5	1		08/25/04 23:50	ADS	1166247
Chrysene	ND	5	1		08/25/04 23:50	ADS	1166247
Di-n-butyl phthalate	ND	5	1		08/25/04 23:50	ADS	1166247
Di-n-octyl phthalate	ND	5	1		08/25/04 23:50	ADS	1166247
Dibenz(a,h)anthracene	ND	5	1		08/25/04 23:50	ADS	1166247
Diethyl phthalate	ND	5	1		08/25/04 23:50	ADS	1166247
Dimethyl phthalate	ND	5	1		08/25/04 23:50	ADS	1166247
Fluoranthene	16	5	1		08/25/04 23:50	ADS	1166247
Fluorene	13	5	1		08/25/04 23:50	ADS	1166247
Hexachlorobenzene	ND	5	1		08/25/04 23:50	ADS	1166247
Hexachlorobutadiene	ND	5	1		08/25/04 23:50	ADS	1166247
Hexachlorocyclopentadiene	ND	10	1		08/25/04 23:50	ADS	1166247
Hexachloroethane	ND	5	1		08/25/04 23:50	ADS	1166247
Indeno(1,2,3-cd)pyrene	ND	5	1		08/25/04 23:50	ADS	1166247
Isophorone	ND	5	1		08/25/04 23:50	ADS	1166247
N-Nitroso-di-n-propylamine	ND	10	1		08/25/04 23:50	ADS	1166247
N-Nitrosodimethylamine	ND	5	1		08/25/04 23:50	ADS	1166247

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: WP-1 **Collected:** 08/24/2004 6:45 **SPL Sample ID:** 04080879-01

Site: SBA - SHIPYARD 26.01

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
N-Nitrosodiphenylamine	ND		5	1		08/25/04 23:50	ADS	1166247
Naphthalene	ND		5	1		08/25/04 23:50	ADS	1166247
Nitrobenzene	ND		5	1		08/25/04 23:50	ADS	1166247
Phenanthrene	30		5	1		08/25/04 23:50	ADS	1166247
Pyrene	11		5	1		08/25/04 23:50	ADS	1166247
Surr: 2,4,6-Tribromophenol	56.8	%	21.3-122	1		08/25/04 23:50	ADS	1166247
Surr: 2-Fluorobiphenyl	52.0	%	21.9-102	1		08/25/04 23:50	ADS	1166247
Surr: 2-Fluorophenol	33.1	%	6.24-56.6	1		08/25/04 23:50	ADS	1166247
Surr: 4-Terphenyl-d14	63.5	%	46.9-123	1		08/25/04 23:50	ADS	1166247
Surr: Nitrobenzene-d5	48.0	%	16-109	1		08/25/04 23:50	ADS	1166247
Surr: Phenol-d5	26.3	%	4.15-42.2	1		08/25/04 23:50	ADS	1166247

Prep Method	Prep Date	Prep Initials	Prep Factor
	08/24/2004 17:00	JH	1.00

TOTAL ORGANIC CARBON			MCL	E415.1	Units: mg/L	
Organic Carbon,Total	41.5		5	5	08/25/04 11:14 CBN	1165477

TOTAL SUSPENDED SOLIDS			MCL	E160.2	Units: mg/L	
Suspended Solids (Residue,Non-Filterable)	28		4	1	08/26/04 11:00 DB	1167025

VOLATILE ORGANICS BY METHOD 624			MCL	E624	Units: ug/L	
1,1-Dichloroethane	ND		5	1	08/26/04 12:41 MHW	1166755
1,2-Dichloroethane	ND		5	1	08/26/04 12:41 MHW	1166755
Benzene	ND		5	1	08/26/04 12:41 MHW	1166755
Chloroethane	ND		5	1	08/26/04 12:41 MHW	1166755
Ethylbenzene	ND		5	1	08/26/04 12:41 MHW	1166755
Methylene chloride	ND		10	1	08/26/04 12:41 MHW	1166755
Tetrachloroethene	ND		5	1	08/26/04 12:41 MHW	1166755
Toluene	ND		5	1	08/26/04 12:41 MHW	1166755
Vinyl chloride	ND		25	1	08/26/04 12:41 MHW	1166755
Xylenes,Total	ND		5	1	08/26/04 12:41 MHW	1166755
Surr: 1,2-Dichloroethane-d4	122	%	81.7-124	1	08/26/04 12:41 MHW	1166755
Surr: Toluene-d8	102	%	90.4-109	1	08/26/04 12:41 MHW	1166755
Surr: 4-Bromofluorobenzene	94.9	%	79.9-115	1	08/26/04 12:41 MHW	1166755

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: DIS-1 **Collected:** 08/24/2004 7:00 **SPL Sample ID:** 04080879-02

Site: SBA - SHIPYARD 26.01

Analyses/Method	Result	Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
CHEMICAL OXYGEN DEMAND			**MCL**		**E410.4**	**Units: mg/L**		
Chemical Oxygen Demand	113	5		1		08/25/04 14:00	JMH	1165807
LEAD, TOTAL- BY GRAPHITE FURNACE			**MCL**		**E239.2**	**Units: mg/L**		
Lead	ND	0.002		1		08/25/04 17:20	KEC	1165973

Prep Method	Prep Date	Prep Initials	Prep Factor
E4.1.3	08/24/2004 16:00	RJD	1.00

OIL & GREASE,TOTAL RECOVERABLE			**MCL**		**E413.1**	**Units: mg/L**		
Oil & Grease,Total Recoverable	8	5		1		08/24/04 15:00	DB	1165349
PHENOLICS,TOTAL RECOVERABLE			**MCL**		**E420.1**	**Units: mg/L**		
Phenolics,Total Recoverable	0.672	0.16		16		08/25/04 16:19	CBN	1165789

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: DIS-1 **Collected:** 08/24/2004 7:00 **SPL Sample ID:** 04080879-02

Site: SBA - SHIPYARD 26.01

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 625		**MCL**		**E625**	**Units: ug/L**		
1,2,4-Trichlorobenzene	ND	5	1		08/26/04 0:24	ADS	1166249
1,2-Dichlorobenzene	ND	5	1		08/26/04 0:24	ADS	1166249
1,2-Diphenylhydrazine	ND	5	1		08/26/04 0:24	ADS	1166249
1,3-Dichlorobenzene	ND	5	1		08/26/04 0:24	ADS	1166249
1,4-Dichlorobenzene	ND	5	1		08/26/04 0:24	ADS	1166249
2,4-Dinitrotoluene	ND	5	1		08/26/04 0:24	ADS	1166249
2,6-Dinitrotoluene	ND	5	1		08/26/04 0:24	ADS	1166249
2-Chloronaphthalene	ND	5	1		08/26/04 0:24	ADS	1166249
3,3'-Dichlorobenzidine	ND	5	1		08/26/04 0:24	ADS	1166249
4-Bromophenyl phenyl ether	ND	5	1		08/26/04 0:24	ADS	1166249
4-Chlorophenyl phenyl ether	ND	5	1		08/26/04 0:24	ADS	1166249
Acenaphthene	ND	5	1		08/26/04 0:24	ADS	1166249
Acenaphthylene	ND	5	1		08/26/04 0:24	ADS	1166249
Anthracene	5.4	5	1		08/26/04 0:24	ADS	1166249
Benzidine	ND	10	1		08/26/04 0:24	ADS	1166249
Benzo(a)pyrene	ND	5	1		08/26/04 0:24	ADS	1166249
Benzo(b)fluoranthene	6.5	5	1		08/26/04 0:24	ADS	1166249
Benzo(g,h,i)perylene	ND	5	1		08/26/04 0:24	ADS	1166249
Benzo(k)fluoranthene	ND	5	1		08/26/04 0:24	ADS	1166249
Bis(2-chloroethoxy)methane	ND	5	1		08/26/04 0:24	ADS	1166249
Bis(2-chloroethyl)ether	ND	5	1		08/26/04 0:24	ADS	1166249
Bis(2-chloroisopropyl)ether	ND	5	1		08/26/04 0:24	ADS	1166249
Bis(2-ethylhexyl)phthalate	ND	5	1		08/26/04 0:24	ADS	1166249
Butyl benzyl phthalate	ND	5	1		08/26/04 0:24	ADS	1166249
Chrysene	ND	5	1		08/26/04 0:24	ADS	1166249
Di-n-butyl phthalate	ND	5	1		08/26/04 0:24	ADS	1166249
Di-n-octyl phthalate	ND	5	1		08/26/04 0:24	ADS	1166249
Dibenz(a,h)anthracene	ND	5	1		08/26/04 0:24	ADS	1166249
Diethyl phthalate	ND	5	1		08/26/04 0:24	ADS	1166249
Dimethyl phthalate	ND	5	1		08/26/04 0:24	ADS	1166249
Fluoranthene	12	5	1		08/26/04 0:24	ADS	1166249
Fluorene	ND	5	1		08/26/04 0:24	ADS	1166249
Hexachlorobenzene	ND	5	1		08/26/04 0:24	ADS	1166249
Hexachlorobutadiene	ND	5	1		08/26/04 0:24	ADS	1166249
Hexachlorocyclopentadiene	ND	10	1		08/26/04 0:24	ADS	1166249
Hexachloroethane	ND	5	1		08/26/04 0:24	ADS	1166249
Indeno(1,2,3-cd)pyrene	ND	5	1		08/26/04 0:24	ADS	1166249
Isophorone	ND	5	1		08/26/04 0:24	ADS	1166249
N-Nitroso-di-n-propylamine	ND	10	1		08/26/04 0:24	ADS	1166249
N-Nitrosodimethylamine	ND	5	1		08/26/04 0:24	ADS	1166249

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: DIS-1 **Collected:** 08/24/2004 7:00 **SPL Sample ID:** 04080879-02

Site: SBA - SHIPYARD 26.01

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
N-Nitrosodiphenylamine	ND		5	1		08/26/04 0:24	ADS	1166249
Naphthalene	ND		5	1		08/26/04 0:24	ADS	1166249
Nitrobenzene	ND		5	1		08/26/04 0:24	ADS	1166249
Phenanthrene	6.2		5	1		08/26/04 0:24	ADS	1166249
Pyrene	8.8		5	1		08/26/04 0:24	ADS	1166249
Surr: 2,4,6-Tribromophenol	51.3	%	21.3-122	1		08/26/04 0:24	ADS	1166249
Surr: 2-Fluorobiphenyl	45.9	%	21.9-102	1		08/26/04 0:24	ADS	1166249
Surr: 2-Fluorophenol	30.8	%	6.24-56.6	1		08/26/04 0:24	ADS	1166249
Surr: 4-Terphenyl-d14	60.7	%	46.9-123	1		08/26/04 0:24	ADS	1166249
Surr: Nitrobenzene-d5	42.1	%	16-109	1		08/26/04 0:24	ADS	1166249
Surr: Phenol-d5	23.7	%	4.15-42.2	1		08/26/04 0:24	ADS	1166249

Prep Method	Prep Date	Prep Initials	Prep Factor
	08/24/2004 17:00	JH	1.00

TOTAL ORGANIC CARBON			MCL	E415.1	Units: mg/L		
Organic Carbon,Total	34.2		5	5		08/25/04 11:14	CBN	1165479

TOTAL SUSPENDED SOLIDS			MCL	E160.2	Units: mg/L		
Suspended Solids (Residue,Non-Filterable)	21		4	1		08/26/04 11:00	DB	1167037

VOLATILE ORGANICS BY METHOD 624			MCL	E624	Units: ug/L		
1,1-Dichloroethane	8		5	1		08/26/04 13:10	MHW	1166756
1,2-Dichloroethane	15		5	1		08/26/04 13:10	MHW	1166756
Benzene	39		5	1		08/26/04 13:10	MHW	1166756
Chloroethane	ND		5	1		08/26/04 13:10	MHW	1166756
Ethylbenzene	ND		5	1		08/26/04 13:10	MHW	1166756
Methylene chloride	ND		10	1		08/26/04 13:10	MHW	1166756
Tetrachloroethene	ND		5	1		08/26/04 13:10	MHW	1166756
Toluene	6.6		5	1		08/26/04 13:10	MHW	1166756
Vinyl chloride	ND		25	1		08/26/04 13:10	MHW	1166756
Xylenes,Total	ND		5	1		08/26/04 13:10	MHW	1166756
Surr: 1,2-Dichloroethane-d4	105	%	81.7-124	1		08/26/04 13:10	MHW	1166756
Surr: Toluene-d8	105	%	90.4-109	1		08/26/04 13:10	MHW	1166756
Surr: 4-Bromofluorobenzene	96.1	%	79.9-115	1		08/26/04 13:10	MHW	1166756

Qualifiers:

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>MCL - Result Over Maximum Contamination Limit(MCL)
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MI - Matrix Interference

Quality Control Documentation

LAFAYETTE LABORATORY
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SCOTT, LA 70583
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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Lead, Total- By Graphite Furnace
Method: E239.2
WorkOrder: 04080879
Lab Batch ID: 30214

Method Blank

RunID: 5100ZL_040825A-1165964 Units: mg/L
Analysis Date: 08/25/2004 16:27 Analyst: KEC
Preparation Date: 08/24/2004 16:00 Prep By: RJD Method E4.1.3

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080879-01C	WP-1
04080879-02C	DIS-1

Analyte	Result	Rep Limit
Lead	ND	0.002

Laboratory Control Sample (LCS)

RunID: 5100ZL_040825A-1165965 Units: mg/L
Analysis Date: 08/25/2004 16:32 Analyst: KEC
Preparation Date: 08/24/2004 16:00 Prep By: RJD Method E4.1.3

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Lead	0.04	0.03706	92.66	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 04080849-01
RunID: 5100ZL_040825A-1165968 Units: mg/L
Analysis Date: 08/25/2004 16:49 Analyst: KEC
Preparation Date: 08/24/2004 16:00 Prep By: RJD Method E4.1.3

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Lead	ND	0.04	0.03568	86.93	0.04	0.03867	94.42	8.054	20	70	130

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 04080850-01
RunID: 5100ZL_040825A-1165978 Units: mg/L
Analysis Date: 08/25/2004 17:47 Analyst: KEC
Preparation Date: 08/24/2004 16:00 Prep By: RJD Method E4.1.3

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Lead	0.002957	0.04	0.04123	95.68	0.04	0.03512	80.40	16.01	20	70	130

Qualifiers:
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J - Estimated value between MDL and PQL
MI - Matrix Interference
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* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04080879
Method: E625 **Lab Batch ID:** 30213

Method Blank

RunID: B_040825A-1166243 Units: ug/L
Analysis Date: 08/25/2004 22:07 Analyst: ADS
Preparation Date: 08/24/2004 17:00 Prep By: JH Method

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080879-01E	WP-1
04080879-02E	DIS-1

Analyte	Result	Rep Limit
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Diphenylhydrazine	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,4-Dinitrotoluene	ND	5.0
2,6-Dinitrotoluene	ND	5.0
2-Chloronaphthalene	ND	5.0
3,3'-Dichlorobenzidine	ND	5.0
4-Bromophenyl phenyl ether	ND	5.0
4-Chlorophenyl phenyl ether	ND	5.0
Acenaphthene	ND	5.0
Acenaphthylene	ND	5.0
Anthracene	ND	5.0
Benzidine	ND	10
Benzo(a)pyrene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Bis(2-chloroethoxy)methane	ND	5.0
Bis(2-chloroethyl)ether	ND	5.0
Bis(2-chloroisopropyl)ether	ND	5.0
Bis(2-ethylhexyl)phthalate	ND	5.0
Butyl benzyl phthalate	ND	5.0
Chrysene	ND	5.0
Di-n-butyl phthalate	ND	5.0
Di-n-octyl phthalate	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Diethyl phthalate	ND	5.0
Dimethyl phthalate	ND	5.0
Fluoranthene	ND	5.0
Fluorene	ND	5.0
Hexachlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Hexachlorocyclopentadiene	ND	10
Hexachloroethane	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Isophorone	ND	5.0
N-Nitroso-di-n-propylamine	ND	10
N-Nitrosodimethylamine	ND	5.0
N-Nitrosodiphenylamine	ND	5.0
Naphthalene	ND	5.0
Nitrobenzene	ND	5.0
Phenanthrene	ND	5.0
Pyrene	ND	5.0
Surr: 2,4,6-Tribromophenol	38.0	21.3-122
Surr: 2-Fluorobiphenyl	40.9	21.9-102
Surr: 2-Fluorophenol	27.8	6.24-56.6

Qualifiers:
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J - Estimated value between MDL and PQL
MI - Matrix Interference
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* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04080879
Method: E625 **Lab Batch ID:** 30213

Method Blank

RunID: B_040825A-1166243 Units: ug/L
Analysis Date: 08/25/2004 22:07 Analyst: ADS
Preparation Date: 08/24/2004 17:00 Prep By: JH Method

Analyte	Result	Rep Limit
Surr: 4-Terphenyl-d14	64.9	46.9-123
Surr: Nitrobenzene-d5	41.4	16-109
Surr: Phenol-d5	19.6	4.15-42.2

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: B_040825A-1166245 Units: ug/L
Analysis Date: 08/25/2004 22:41 Analyst: ADS
Preparation Date: 08/24/2004 17:00 Prep By: JH Method

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,2,4-Trichlorobenzene	50	19.2	38.3 *	50.0	21.8	43.7 *	0.0	40	44	142
1,2-Dichlorobenzene	50	17.9	35.9	50.0	21.6	43.1	0.0	40	32	129
1,3-Dichlorobenzene	50	17.1	34.2	50.0	20.9	41.8	0.0	40	1	172
1,4-Dichlorobenzene	50	16.8	33.6	50.0	20.3	40.6	0.0	40	20	124
2,4,6-Trichlorophenol	50	23.5	47.0	50.0	24.7	49.4	0.0	40	37	144
2,4-Dichlorophenol	50	22.1	44.3	50.0	22.8	45.5	0.0	40	39	135
2,4-Dimethylphenol	50	22.1	44.2	50.0	23.7	47.3	0.0	40	32	119
2,4-Dinitrophenol	50	18.3	36.6	50.0	17.9	35.8	0.0	40	1	191
2,4-Dinitrotoluene	50	23.2	46.5	50.0	25.1	50.2	0.0	40	39	139
2,6-Dinitrotoluene	50	26.1	52.2	50.0	28.1	56.2	0.0	40	50	158
2-Chloronaphthalene	50	22.5	45.0 *	50.0	24.6	49.1 *	0.0	40	60	118
2-Chlorophenol	50	20.9	41.9	50.0	22.9	45.7	0.0	40	23	134
2-Nitrophenol	50	14.0	28.0 *	50.0	14.7	29.5	0.0	40	29	182
3,3'-Dichlorobenzidine	50	39.1	78.2	50.0	42.2	84.5	0.0	40	1	262
4,6-Dinitro-2-methylphenol	50	11.5	23.1	50.0	11.4	22.8	0.0	40	1	181
4-Bromophenyl phenyl ether	50	25.4	50.8 *	50.0	27.0	54.1	0.0	40	53	127
4-Chloro-3-methylphenol	50	23.1	46.2	50.0	24.2	48.4	0.0	40	22	147
4-Chlorophenyl phenyl ether	50	25.2	50.5	50.0	27.0	54.0	0.0	40	25	158
4-Nitrophenol	50	0	0 *	50.0	6.33	12.7	0.0	40	1	132
Acenaphthene	50	23.2	46.4 *	50.0	25.2	50.5	0.0	40	47	145
Acenaphthylene	50	23.6	47.2	50.0	25.8	51.6	0.0	40	33	145
Anthracene	50	24.6	49.3	50.0	26.5	52.9	0.0	40	27	133
Benz(a)anthracene	50	29.2	58.3	50.0	31.2	62.4	0.0	40	33	143
Benzo(a)pyrene	50	26.9	53.8	50.0	28.8	57.6	0.0	40	17	163

Qualifiers:
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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04080879
Method: E625 **Lab Batch ID:** 30213

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: B_040825A-1166245 Units: ug/L
Analysis Date: 08/25/2004 22:41 Analyst: ADS
Preparation Date: 08/24/2004 17:00 Prep By: JH Method

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Benzo(b)fluoranthene	50	32.1	64.3	50.0	34.7	69.4	0.0	40	24	159
Benzo(g,h,i)perylene	50	10.1	20.2	50.0	11.3	22.7	0.0	40	1	219
Benzo(k)fluoranthene	50	31.7	63.4	50.0	33.7	67.4	0.0	40	11	162
Bis(2-chloroethoxy)methane	50	24.8	49.5	50.0	27.1	54.2	0.0	40	33	184
Bis(2-chloroethyl)ether	50	22.7	45.5	50.0	25.4	50.7	0.0	40	12	158
Bis(2-chloroisopropyl)ether	50	23.1	46.2	50.0	26.5	53.0	0.0	40	36	166
Bis(2-ethylhexyl)phthalate	50	31.4	62.8	50.0	32.8	65.6	0.0	40	8	158
Butyl benzyl phthalate	50	15.3	30.6	50.0	14.7	29.5	0.0	40	1	152
Chrysene	50	29.5	59.0	50.0	31.4	62.9	0.0	40	17	168
Di-n-butyl phthalate	50	15.2	30.4	50.0	17.2	34.4	0.0	40	1	118
Di-n-octyl phthalate	50	30.8	61.6	50.0	32.6	65.1	0.0	40	4	146
Dibenz(a,h)anthracene	50	14.4	28.8	50.0	15.6	31.3	0.0	40	1	227
Diethyl phthalate	50	4.47	8.94	50.0	5.13	10.3	0.0	40	1	114
Dimethyl phthalate	50	3.12	6.24	50.0	3.14	6.28	0.0	40	1	112
Fluoranthene	50	26.7	53.4	50.0	28.9	57.7	0.0	40	26	137
Fluorene	50	25.8	51.6 *	50.0	28.0	56.0 *	0.0	40	59	121
Hexachlorobenzene	50	25.5	51.0	50.0	27.0	54.1	0.0	40	1	152
Hexachlorobutadiene	50	16.0	31.9	50.0	18.6	37.3	0.0	40	24	116
Hexachlorocyclopentadiene	50	8.55	17.1 *	50.0	8.79	17.6 *	0.0	40	30	150
Hexachloroethane	50	13.5	27.0 *	50.0	16.4	32.7 *	0.0	40	40	113
Indeno(1,2,3-cd)pyrene	50	11.4	22.7	50.0	12.2	24.3	0.0	40	1	171
Isophorone	50	23.7	47.5	50.0	26.0	51.9	0.0	40	21	196
N-Nitroso-di-n-propylamine	50	21.3	42.6	50.0	23.4	46.9	0.0	40	1	230
N-Nitrosodimethylamine	50	13.8	27.5 *	50.0	15.6	31.1	0.0	40	30	150
N-Nitrosodiphenylamine	50	24.8	49.6	50.0	26.3	52.6	0.0	40	30	150
Naphthalene	50	20.7	41.4	50.0	23.8	47.7	0.0	40	21	133
Nitrobenzene	50	21.2	42.3	50.0	23.8	47.5	0.0	40	35	180
Pentachlorophenol	50	11.0	22.1	50.0	10.6	21.3	0.0	40	14	176
Phenanthrene	50	24.2	48.3 *	50.0	25.9	51.9 *	0.0	40	54	120
Phenol	50	10.6	21.3	50.0	11.6	23.2	0.0	40	5	112
Pyrene	50	30.0	60.1	50.0	31.9	63.9	0.0	40	52	115
1,2-Dichlorobenzene-d4	50	0	0 *	50.0	0	0 *	0.0	0	16.4	88.1
2-Chlorophenol-d4	75	0	0 *	75.0	0	0 *	0.0	0	21.8	93.4

Qualifiers:
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D - Recovery Unreportable due to Dilution
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* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Volatile Organics by Method 624 **WorkOrder:** 04080879
Method: E624 **Lab Batch ID:** R81282

Method Blank

RunID: I_040826A-1166752 Units: ug/L
Analysis Date: 08/26/2004 11:14 Analyst: MHW

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080879-01D	WP-1
04080879-02D	DIS-1

Analyte	Result	Rep Limit
1,1-Dichloroethane	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Chloroethane	ND	5.0
Ethylbenzene	ND	5.0
Methylene chloride	ND	10
Tetrachloroethene	ND	5.0
Toluene	ND	5.0
Vinyl chloride	ND	25
Xylenes,Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	98.0	81.7-124
Surr: 4-Bromofluorobenzene	94.0	79.9-115
Surr: Toluene-d8	103.1	90.4-109

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: I_040826A-1166750 Units: ug/L
Analysis Date: 08/26/2004 10:17 Analyst: MHW

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,1,1-Trichloroethane	20	18.8	94.1	20.0	19.1	95.7	1.7	20	52	162
1,1,2,2-Tetrachloroethane	20	19.9	99.6	20.0	18.2	91.1	8.8	20	46	157
1,1,2-Trichloroethane	20	18.3	91.6	20.0	17.0	85.0	7.4	20	52	150
1,1-Dichloroethane	20	19.0	95.1	20.0	18.8	93.8	1.3	20	59	155
1,1-Dichloroethene	20	16.6	83.0	20.0	16.6	83.0	0.1	20	0	234
1,2-Dichlorobenzene	20	19.3	96.7	20.0	19.5	97.4	0.8	20	18	190
1,2-Dichloroethane	20	19.4	97.2	20.0	19.0	94.9	2.4	20	49	155
1,2-Dichloropropane	20	18.5	92.4	20.0	17.9	89.6	3.1	20	0	210
1,3-Dichlorobenzene	20	20.3	101	20.0	20.1	101	0.8	20	59	156
1,4-Dichlorobenzene	20	18.0	90.2	20.0	19.8	99.1	9.5	20	18	180
2-Chloroethyl vinyl ether	20	19.2	96.2	20.0	23.4	117	19.4	20	0	305
Benzene	20	18.5	92.4	20.0	17.8	88.9	3.8	20	37	151
Bromodichloromethane	20	18.6	93.0	20.0	18.0	89.8	3.4	20	35	151
Bromoform	20	14.8	74.1	20.0	13.9	69.6	6.3	20	45	169
Bromomethane	20	14.4	72.1	20.0	16.2	80.7	11.2	20	0	242
Carbon tetrachloride	20	17.2	85.9	20.0	17.6	88.0	2.4	20	70	140

Qualifiers:
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* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Volatile Organics by Method 624 **WorkOrder:** 04080879
Method: E624 **Lab Batch ID:** R81282

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: I_040826A-1166750 Units: ug/L
Analysis Date: 08/26/2004 10:17 Analyst: MHW

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Chlorobenzene	20	18.5	92.6	20.0	18.6	93.0	0.5	20	37	160
Chloroethane	20	17.0	84.9	20.0	16.8	84.0	1.0	20	14	230
Chloroform	20	16.7	83.4	20.0	17.5	87.6	4.9	20	51	138
Chloromethane	20	12.7	63.4	20.0	13.4	67.2	5.7	20	0	273
cis-1,3-Dichloropropene	20	18.6	93.0	20.0	17.9	89.6	3.7	20	0	227
Dibromochloromethane	20	15.5	77.4	20.0	15.8	78.8	1.8	20	53	149
Ethylbenzene	20	18.4	92.2	20.0	18.4	92.2	0.1	20	37	162
Methylene chloride	20	16.7	83.7	20.0	16.1	80.4	4.0	20	0	221
Tetrachloroethene	20	15.0	74.9	20.0	14.9	74.6	0.3	20	64	168
Toluene	20	16.0	79.8	20.0	16.1	80.4	0.7	20	47	150
trans-1,3-Dichloropropene	20	16.6	82.8	20.0	17.3	86.4	4.3	20	17	183
Trichloroethene	20	17.8	88.9	20.0	18.5	92.6	4.0	20	71	157
Trichlorofluoromethane	20	21.3	106	20.0	22.4	112	4.9	20	17	181
Vinyl chloride	20	16.2	80.8	20.0	16.8	83.8	3.6	20	0	251
trans-1,2-Dichloroethene	20	16.5	82.4	20.0	17.1	85.4	3.5	20	54	156

Qualifiers:
ND/U - Not Detected at the Reporting Limit
MI - Matrix Interference
B - Analyte detected in the associated Method Blank
D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

LAFAYETTE LABORATORY
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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Oil & Grease,Total Recoverable
Method: E413.1

WorkOrder: 04080879
Lab Batch ID: R81172

Method Blank

RunID: WET_040824J-1165339 Units: mg/L
Analysis Date: 08/24/2004 15:00 Analyst: DB

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080879-01A	WP-1
04080879-02A	DIS-1

Analyte	Result	Rep Limit
Oil & Grease,Total Recoverable	ND	5.0

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: WET_040824J-1165340 Units: mg/L
Analysis Date: 08/24/2004 15:00 Analyst: DB

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Oil & Grease,Total Recoverable	30	29.00	96.67	30.00	26.00	86.67	10.9	20	80	120

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Total Organic Carbon
Method: E415.1

WorkOrder: 04080879
Lab Batch ID: R81183

Method Blank

RunID: TOC_040825A-1165467 Units: mg/L
Analysis Date: 08/25/2004 11:14 Analyst: CBN

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080879-01B	WP-1
04080879-02B	DIS-1

Analyte	Result	Rep Limit
Organic Carbon,Total	ND	1.0

Laboratory Control Sample (LCS)

RunID: TOC_040825A-1165468 Units: mg/L
Analysis Date: 08/25/2004 11:14 Analyst: CBN

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Organic Carbon,Total	10	9.979	99.79	90	110

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 04080887-01
RunID: TOC_040825A-1165472 Units: mg/L
Analysis Date: 08/25/2004 11:14 Analyst: CBN

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Organic Carbon,Total	5.566	10	14.90	93.34	10	15.18	96.14	1.862	20	80	120

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Phenolics,Total Recoverable
Method: E420.1
WorkOrder: 04080879
Lab Batch ID: R81205

Method Blank

RunID: WET_040825F-1165784 Units: mg/L
Analysis Date: 08/25/2004 16:19 Analyst: CBN

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080879-01F	WP-1
04080879-02F	DIS-1

Analyte	Result	Rep Limit
Phenolics,Total Recoverable	ND	0.010

Laboratory Control Sample (LCS)

RunID: WET_040825F-1165785 Units: mg/L
Analysis Date: 08/25/2004 16:19 Analyst: CBN

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Phenolics,Total Recoverable	0.05	0.04700	94.00	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 04080879-01
RunID: WET_040825F-1165787 Units: mg/L
Analysis Date: 08/25/2004 16:19 Analyst: CBN

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Phenolics,Total Recoverable	0.08800	0.05	0.1440	112.0	0.05	0.1430	110.0	0.6969	20	80	120

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Chemical Oxygen Demand
Method: E410.4
WorkOrder: 04080879
Lab Batch ID: R81206

Method Blank

RunID: WET_040825G-1165797 Units: mg/L
Analysis Date: 08/25/2004 14:00 Analyst: JMH

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080879-01F	WP-1
04080879-02F	DIS-1

Analyte	Result	Rep Limit
Chemical Oxygen Demand	ND	5.0

Laboratory Control Sample (LCS)

RunID: WET_040825G-1165798 Units: mg/L
Analysis Date: 08/25/2004 14:00 Analyst: JMH

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chemical Oxygen Demand	40	41.22	103.0	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 04080776-01
RunID: WET_040825G-1165800 Units: mg/L
Analysis Date: 08/25/2004 14:00 Analyst: JMH

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chemical Oxygen Demand	18.60	40	60.23	104.1	40	60.88	105.7	1.073	20	80	120

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

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Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

MICHAEL PISANI & ASSOCIATES, INC.

Analysis: Total Suspended Solids
Method: E160.2
WorkOrder: 04080879
Lab Batch ID: R81299

Method Blank

RunID: WET_040826G-1166995 Units: mg/L
Analysis Date: 08/26/2004 11:00 Analyst: DB

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04080879-01E	WP-1
04080879-02E	DIS-1

Analyte	Result	Rep Limit
Suspended Solids (Residue,Non-Filterable)	ND	4.0

Laboratory Control Sample (LCS)

RunID: WET_040826G-1166996 Units: mg/L
Analysis Date: 08/26/2004 11:00 Analyst: DB

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Suspended Solids (Residue,Non-Filterab	250	246.0	98.40	90	110

Sample Duplicate

Original Sample: 04080930-01
RunID: WET_040826G-1166999 Units: mg/L
Analysis Date: 08/26/2004 11:00 Analyst: DB

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Suspended Solids (Residue,Non-Filterab	6	6	0	20

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

Sample Receipt Checklist
And
Chain of Custody

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Sample Receipt Checklist

Workorder:	04080879	Received By:	DS
Date and Time Received:	8/24/04 8:50:00 AM	Carrier name:	Client Drop Off
Temperature:	4C°C	Chilled by:	Water Ice

1.	Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
2.	Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
3.	Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
4.	Chain of custody present?	Yes ☑	No ☐	
5.	Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
6.	Chain of custody agrees with sample labels?	Yes ☑	No ☐	
7.	Samples in proper container/bottle?	Yes ☑	No ☐	
8.	Sample containers intact?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test?	Yes ☑	No ☐	
10.	All samples received within holding time?	Yes ☑	No ☐	
11.	Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
12.	Water - VOA vials have zero headspace?	Yes ☑	No ☐	Not Applicable ☐
13.	Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

SPL Representative:

Contact Date & Time:

Client Name Contacted:

Non Conformance Issues:

Client Instructions:

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 228079

04080879

page ____ of ____

Client Name: MICHAEL PISANI + ASSOC.
Address: 1100 POYDRAS AVE #1430 N.O., LA 70163
Phone/Fax: 504.582.2468 / 504.582.2470
Client Contact: ROB LESLIE Email:
Project Name/No.: SBA / 26.01
Site Name: SBA
Site Location:
Invoice To: SAME Ph: 504.582.2468

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	O+G	TOC	TOTAL LEAD	VOC'S	SVOC'S	COD/TOTAL PHENOLS	TSS		
WP-1	08.24.04	0645		✓	W	~~VOA~~	X	X	10	2	1	1	3	2	1	1		10
DIS-1	08.24.04	0700			W	X	X	X	10	2	1	1	3	2	1	1		10

Requested Analysis

RUSH
Lab Safety Supply Inc. Reorder No. 22557

Client/Consultant Remarks:

Laboratory remarks: Client, BS-67, W1, 2, 3, 7, 3W, <2

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 4C

Requested TAT
Contract ☐ 72hr ☐
24hr ☑ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

1. Relinquished by Sampler:	date	time	2. Received by:
[signature]	8/24/04	0850	[signature]
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date	time	6. Received by Laboratory:

DIS-1 8/26/0

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Case Narrative for:

MICHAEL PISANI & ASSOCIATES, INC.

Certificate of Analysis Number:

04081036

Report To:		Project Name:	JENNINGS, LA
MICHAEL PISANI & ASSOCIATES, INC.		Site:	SBA - SHIPYARD 26.01
ROBERT E. LESLIE, Jr.		Site Address:	
1430 ENERGY CENTRE			JENNINGS LA
1100 POYDRAS STREET		PO Number:	
NEW ORLEANS		State:	Louisiana
LA		State Cert. No.:	
70163-			
ph: (504) 582-2468	fax:	Date Reported:	8/30/04

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process. If insufficient sample is supplied for MS/MSD, a Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) are reported with the analytical batch and serve as the batch quality control (QC). Results are reported on a Wet Weight Basis unless otherwise noted in the sample unit field as -dry.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

TOTAL NUMBER OF PAGES IN THIS REPORT: 11 PAGES

Donna B. LeBlanc

Donna B. LeBlanc
Project Manager

8/30/04
Date

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

MICHAEL PISANI & ASSOCIATES, INC.

Certificate of Analysis Number:

04081036

Report To: MICHAEL PISANI & ASSOCIATES, INC.
ROBERT E. LESLIE, Jr.
1430 ENERGY CENTRE
1100 POYDRAS STREET
NEW ORLEANS
LA
70163-
ph: (504) 582-2468 fax: (504) 582-2470

Fax To:

Project Name: JENNINGS, LA
Site: SBA - SHIPYARD 26.01
Site Address:
JENNINGS LA
PO Number:
State: Louisiana
State Cert. No.:
Date Reported: 8/30/04

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
DIS-1	04081036-01	Water	8/26/04 3:00:00 PM	8/26/04 4:29:10 PM	228081	☐

Donna B. LeBlanc
Project Manager

8/30/04
Date

John D. Trahan
Laboratory Director

Tristan Davis
Quality Assurance Officer

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: DIS-1 **Collected:** 08/26/2004 15:00 **SPL Sample ID:** 04081036-01

Site: SBA - SHIPYARD 26.01

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
PHENOLICS,TOTAL RECOVERABLE				**MCL**	**E420.1**		**Units: mg/L**		
Phenolics,Total Recoverable	0.78		0.15		15		08/27/04 11:32	CBN	1167548
SEMIVOLATILE ORGANICS BY METHOD 625				**MCL**	**E625**		**Units: ug/L**		
Fluoranthene	ND		5		1		08/27/04 15:45	ADS	1168117
Surr: 2,4,6-Tribromophenol	50.6	%	21.3-122		1		08/27/04 15:45	ADS	1168117
Surr: 2-Fluorobiphenyl	41.9	%	21.9-102		1		08/27/04 15:45	ADS	1168117
Surr: 2-Fluorophenol	30.6	%	6.24-56.6		1		08/27/04 15:45	ADS	1168117
Surr: 4-Terphenyl-d14	47.4	%	46.9-123		1		08/27/04 15:45	ADS	1168117
Surr: Nitrobenzene-d5	39.1	%	16-109		1		08/27/04 15:45	ADS	1168117
Surr: Phenol-d5	22.8	%	4.15-42.2		1		08/27/04 15:45	ADS	1168117

Prep Method	Prep Date	Prep Initials	Prep Factor
	08/26/2004 17:31	JH	1.00

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

JENNINGS, LA

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04081036
Method: E625 **Lab Batch ID:** 30288

Method Blank

RunID: B_040827A-1168115 Units: . ug/L
Analysis Date: 08/27/2004 13:27 Analyst: ADS
Preparation Date: 08/26/2004 17:31 Prep By: JH Method

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04081036-01A	DIS-1

Analyte	Result	Rep Limit
Fluoranthene	ND	5.0
Surr: 2,4,6-Tribromophenol	40.6	21.3-122
Surr: 2-Fluorobiphenyl	30.3	21.9-102
Surr: 2-Fluorophenol	24.3	6.24-56.6
Surr: 4-Terphenyl-d14	51.3	46.9-123
Surr: Nitrobenzene-d5	30.2	16-109
Surr: Phenol-d5	16.9	4.15-42.2

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: B_040827A-1168118 Units: ug/L
Analysis Date: 08/27/2004 16:20 Analyst: ADS
Preparation Date: 08/26/2004 17:31 Prep By: JH Method

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,2,4-Trichlorobenzene	50	13.5	26.9 *	50.0	15.8	31.6 *	15.9	40	44	142
1,2-Dichlorobenzene	50	11.8	23.6 *	50.0	14.1	28.2 *	17.6	40	32	129
1,3-Dichlorobenzene	50	11.1	22.2	50.0	13.2	26.4	17.1	40	1	172
1,4-Dichlorobenzene	50	11.0	22.0	50.0	13.0	25.9	16.4	40	20	124
2,4,6-Trichlorophenol	50	22.5	45.0	50.0	27.3	54.5	19.2	40	37	144
2,4-Dichlorophenol	50	21.6	43.1	50.0	26.2	52.4	19.3	40	39	135
2,4-Dimethylphenol	50	19.6	39.3	50.0	24.4	48.9	21.8	40	32	119
2,4-Dinitrophenol	50	21.0	42.0	50.0	22.0	44.0	4.6	40	1	191
2,4-Dinitrotoluene	50	20.3	40.6	50.0	23.6	47.3	15.2	40	39	139
2,6-Dinitrotoluene	50	21.9	43.8 *	50.0	25.4	50.8	14.8	40	50	158
2-Chloronaphthalene	50	15.4	30.7 *	50.0	19.2	38.4 *	22.2	40	60	118
2-Chlorophenol	50	19.9	39.9	50.0	24.7	49.4	21.3	40	23	134
2-Nitrophenol	50	21.1	42.3	50.0	24.6	49.3	15.4	40	29	182
3,3'-Dichlorobenzidine	50	30.6	61.1	50.0	3.93	7.86	154.4	40	1	262
4,6-Dinitro-2-methylphenol	50	15.4	30.9	50.0	15.3	30.6	0.8	40	1	181
4-Bromophenyl phenyl ether	50	20.0	40.0 *	50.0	21.7	43.5 *	8.4	40	53	127
4-Chloro-3-methylphenol	50	22.2	44.4	50.0	25.9	51.9	15.5	40	22	147
4-Chlorophenyl phenyl ether	50	18.2	36.4	50.0	21.8	43.7	18.1	40	25	158
4-Nitrophenol	50	8.83	17.7	50.0	10.3	20.6	15.6	40	1	132
Acenaphthene	50	16.4	32.9 *	50.0	18.6	37.1 *	12.1	40	47	145
Acenaphthylene	50	16.8	33.7	50.0	9.12	18.2 *	59.5	40	33	145

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

JENNINGS, LA

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04081036
Method: E625 **Lab Batch ID:** 30288

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: B_040827A-1168118 Units: ug/L
Analysis Date: 08/27/2004 16:20 Analyst: ADS
Preparation Date: 08/26/2004 17:31 Prep By: JH Method

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Anthracene	50	19.1	38.3	50.0	19.9	39.8	3.9	40	27	133
Benz(a)anthracene	50	22.0	44.1	50.0	24.0	48.0	8.4	40	33	143
Benzidine	50	11.0	21.9 *	50.0	6.27	12.5 *	54.4	40	30	150
Benzo(a)pyrene	50	21.7	43.4	50.0	23.5	46.9	7.7	40	17	163
Benzo(b)fluoranthene	50	25.7	51.4	50.0	33.4	66.9	26.1	40	24	159
Benzo(g,h,i)perylene	50	7.85	15.7	50.0	8.68	17.4	10.0	40	1	219
Benzo(k)fluoranthene	50	24.2	48.4	50.0	33.0	66.1	30.8	40	11	162
Bis(2-chloroethoxy)methane	50	16.8	33.6	50.0	1.86	3.72 *	160.2	40	33	184
Bis(2-chloroethyl)ether	50	16.4	32.8	50.0	19.8	39.5	18.4	40	12	158
Bis(2-chloroisopropyl)ether	50	15.6	31.3 *	50.0	19.3	38.7	21.1	40	36	166
Bis(2-ethylhexyl)phthalate	50	22.9	45.8	50.0	26.2	52.3	13.4	40	8	158
Butyl benzyl phthalate	50	15.8	31.6	50.0	16.6	33.2	4.8	40	1	152
Chrysene	50	22.3	44.7	50.0	24.9	49.8	10.8	40	17	168
Di-n-butyl phthalate	50	16.5	32.9	50.0	19.0	38.1	14.4	40	1	118
Di-n-octyl phthalate	50	24.4	48.8	50.0	27.2	54.4	10.8	40	4	146
Dibenz(a,h)anthracene	50	11.5	23.1	50.0	13.7	27.4	17.3	40	1	227
Diethyl phthalate	50	9.32	18.6	50.0	13.8	27.7	39.1	40	1	114
Dimethyl phthalate	50	3.41	6.82	50.0	5.53	11.1	47.4	40	1	112
Fluoranthene	50	21.3	42.6	50.0	22.6	45.3	6.1	40	26	137
Fluorene	50	18.9	37.8 *	50.0	22.3	44.6 *	16.6	40	59	121
Hexachlorobenzene	50	20.2	40.3	50.0	22.2	44.5	9.8	40	1	152
Hexachlorobutadiene	50	10.8	21.5 *	50.0	12.8	25.6	17.4	40	24	116
Hexachlorocyclopentadiene	50	6.57	13.1 *	50.0	7.71	15.4 *	16.0	40	30	150
Hexachloroethane	50	9.02	18.0 *	50.0	10.8	21.6 *	18.1	40	40	113
Indeno(1,2,3-cd)pyrene	50	10.2	20.4	50.0	9.74	19.5	4.6	40	1	171
Isophorone	50	16.2	32.3	50.0	21.4	42.9	28.1	40	21	196
N-Nitroso-di-n-propylamine	50	14.7	29.4	50.0	19.1	38.1	25.7	40	1	230
N-Nitrosodimethylamine	50	10.0	20.0 *	50.0	7.93	15.9 *	23.1	40	30	150
N-Nitrosodiphenylamine	50	19.1	38.1	50.0	6.92	13.8 *	93.5	40	30	150
Naphthalene	50	14.3	28.6	50.0	17.0	33.9	17.0	40	21	133
Nitrobenzene	50	14.8	29.6 *	50.0	18.0	36.0	19.4	40	35	180
Pentachlorophenol	50	18.7	37.4	50.0	22.8	45.6	19.8	40	14	176
Phenanthrene	50	19.0	38.0 *	50.0	20.5	41.0 *	7.6	40	54	120
Phenol	50	9.59	19.2	50.0	10.2	20.4	6.2	40	5	112

Qualifiers:
ND/U - Not Detected at the Reporting Limit
MI - Matrix Interference
B - Analyte detected in the associated Method Blank
D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

JENNINGS, LA

Analysis: Semivolatile Organics by Method 625 **WorkOrder:** 04081036
Method: E625 **Lab Batch ID:** 30288

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: B_040827A-1168118 Units: ug/L
Analysis Date: 08/27/2004 16:20 Analyst: ADS
Preparation Date: 08/26/2004 17:31 Prep By: JH Method

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Pyrene	50	22.9	45.7 *	50.0	22.9	45.8 *	0.3	40	52	115
1,2-Dichlorobenzene-d4	50	0	0 *	50.0	0	0 *	0.0	0	16.4	88.1
2-Chlorophenol-d4	75	0	0 *	75.0	0	0 *	0.0	0	21.8	93.4

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

MICHAEL PISANI & ASSOCIATES, INC.

JENNINGS, LA

Analysis: Phenolics,Total Recoverable
Method: E420.1
WorkOrder: 04081036
Lab Batch ID: R81351

Method Blank

RunID: WET_040827H-1167545 Units: mg/L
Analysis Date: 08/27/2004 11:32 Analyst: CBN

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04081036-01B	DIS-1

Analyte	Result	Rep Limit
Phenolics,Total Recoverable	ND	0.010

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: WET_040827H-1167546 Units: mg/L
Analysis Date: 08/27/2004 11:32 Analyst: CBN

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Phenolics,Total Recoverable	0.05	0.05000	100.0	0.05000	0.05200	104.0	3.9	20	85	115

Matrix Spike (MS)

Sample Spiked: 04081036-01
RunID: WET_040827H-1167549 Units: mg/L
Analysis Date: 08/27/2004 11:32 Analyst: CBN

Analyte	Sample Result	Spike Added	MS Result	MS % Recovery	Low Limit	High Limit
Phenolics,Total Recoverable	0.7800	0.05	0.8250	N/C	80	120

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

Sample Receipt Checklist
And
Chain of Custody

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Sample Receipt Checklist

Workorder:	04081036	Received By:	DS
Date and Time Received:	8/26/04 4:29:10 PM	Carrier name:	Client Drop Off
Temperature:	4°C	Chilled by:	Water Ice

		Yes	No	Not Present / Not Applicable
1.	Shipping container/cooler in good condition?	☑	☐	☐
2.	Custody seals intact on shippping container/cooler?	☑	☐	☐
3.	Custody seals intact on sample bottles?	☐	☐	☑
4.	Chain of custody present?	☑	☐	
5.	Chain of custody signed when relinquished and received?	☑	☐	
6.	Chain of custody agrees with sample labels?	☑	☐	
7.	Samples in proper container/bottle?	☑	☐	
8.	Sample containers intact?	☑	☐	
9.	Sufficient sample volume for indicated test?	☑	☐	
10.	All samples received within holding time?	☑	☐	
11.	Container/Temp Blank temperature in compliance?	☑	☐	
12.	Water - VOA vials have zero headspace?	☑	☐	Not Applicable ☐
13.	Water - pH acceptable upon receipt?	☑	☐	Not Applicable ☐

SPL Representative: _____ **Contact Date & Time:** _____

Client Name Contacted: _____

Non Conformance Issues: _____

Client Instructions: _____

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 228081

04081036

page ____ of ____

Client Name: MICHAEL PISANI & ASSOC.
Address:
Phone/Fax: 504-582-2468
Client Contact: ROB LESLIE Email:
Project Name/No.: SBA - 26.01
Site Name: SBA
Site Location: JENNINGS, LA
Invoice To: SAME Ph: 504-582-2468

Requested Analysis

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	VOC's (1624) HCl	SVOC's (625 FLOATHRU 0.024)	TOTAL PHENOLS	TSS HOCD					
DIS-1	08.26.04	1500		-	W	G	X			3	2	1	1					7

RUSH

Client/Consultant Remarks:

Laboratory remarks: Client RS226-MTHDS, 3, 4, 7, <2

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 4C

Requested TAT
Contract ☐ 72hr ☐
24hr ☑ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler:	8/26/04	16:25	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date	time	6. Received by Laboratory:

☐ 8880 Interchange Drive
Houston, TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway
Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777

Appendix M

Site Attendance Logs

Interim Measures/Removal Action Completion Report

SBA Shipyards, Inc. Site Jennings, Louisiana

RICHARD 'RICKY' EDWARDS, JR.

SHERIFF AND EX-OFFICIO TAX COLLECTOR
JEFFERSON DAVIS PARISH, LOUISIANA

ADMINISTRATION
P.O. BOX 1449
JENNINGS, LA 70546-1449

FINES/TAXES
P.O. BOX 863
JENNINGS, LA 70546-0863

JENNINGS (337) 821-2100
ELTON (337) 584-3850

FAX (337) 821-2105

WELSH (337) 734-3850
TOPSY (337) 855-6781

January 31, 2003

To Whom It May Concern:

It is come to my attention that Lenny Dupuis, Project Manger for Phillip Services will be doing a job in the Castex Landing area of Jefferson Davis Parish. I also understand that there will be several large trucks hauling material through the area of Castex Landing and eventually onto US Highway 90. Being that this is a residential area mixed with some industry, there will probably be calls about the traffic. As long as the Posted Weight & Speed Limits are followed, I see no problem with the local area residents.

My office stands ready to explain the situation to the residents and to enforce the Posted Limits mentioned above.

Respectfully,

Ricky

Richard Edwards, Jr., Sheriff
Jefferson Davis Parish, Louisiana

PSC Industrial Outsourcing, Inc.

• 543 Renaud Drive • Lafayette, LA 70507 • 337-233-4889

Daily Worksheet Sign In / Sign Out Log

COPY

Date: 5/7/03

Name	Signature	Co	Time In	Time Out
Gary Delafoissie	Gary Delafoissie	PSC	6:30AM	5:30PM
John Stevenson	John Stevenson	STRANCO	7:00PM	7PM
DONALD NESOM	Donald Nesom	STRANCO	7:00AM	5:30PM
Don Devine	Don Devine	"	7AM	7PM
Paul L. Guidry	Paul L. Guidry	STRANCO	7:AM	7PM
Leonard Dupuis	[illegible]	PSC	7:00AM	5:30PM
Chris Fontenot	[illegible]	MP+A	7:15AM	5:30PM
Jeff Landry		STRANCO	7AM	7PM

PSC Industrial Outsourcing, Inc.

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Daily Worksheet Sign In / Sign Out Log

Date: 5-8-03

Name	Signature	Co	Time In	Time Out
DON DEVINE	Don Devine	STRANCO	7AM	530
DONALD NESOM	Donald Nesom	STRANCO	7:00	
Paul L Guidry	Paul L Guidry	STRANCO	7:00	
John Stevenson	John Stevenson	STRANCO	7:00	
GARY DELAHOUSSIE	Gary Delahoussie	PSC	7:00	
CHRIS FERRIS	Chris Ferris	MPOA	7:00	
Jeff Landry	Jeff Landry	STRANCO	7:00	
Fay Ledford	Fay Ledford	PSC	7:50	

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Daily Worksheet Sign In / Sign Out Log

Date: 5-9-03

Name	Signature	Co	Time In	Time Out
DON DEVINE	Don Devine	STRANCO	7AM	2:30
Paul L. Guidry	Paul Guidry	Stranco	7am	
DONALD NELSOM	Donald Nelson	STRANCO	7AM	
Gary Delafoussie	Gary Delafoussie	PSC	7AM	
John Stevenson	John Stevenson	STRANCO	7AM	
CHRIS FOTERS	[illegible]	MP&A	7am	
Jeff Landry	Jeff Landry	STRANCO	7AM	
Leonard Dupuis	[illegible]	PSC	7am.	
SILTON MATT	Silton Matt	PSC	7AM	
Fay Ledford	Fay Ledford	PSC	8:30	

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Daily Worksheet Sign In / Sign Out Log

Date: 5-12-03

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRAMCO	6:30AM	5:30PM
Paul L Guidry	Paul L G	STRAMCO	7:00AM	
DONALD NESOM	Donald Nesom	STRAMCO	7:00AM	
Gary Delafoisse	Gary Delafoisse	PSC	7:00AM	
Jeff Landry	Jeff Landry	STRAMCO	7:00AM	
John Stevenson	John Stevenson	STRAMCO		
DURNELL Frank Sr.	Durnell Frank Sr.	CVS	7:18AM	
Leonard Dupis	L Dupis	PSC	7:00AM	

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Daily Worksheet Sign In / Sign Out Log

Date: 5-13-03

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	6:30 AM	8:30
Paul L. Guidry	Paul L. Guidry	STRANCO	7:00 am	5:30
Gary Delaforsse	Gary Delaforsse	PSC	6:30 am	8:30
John Stevenson	John Stevenson	STRANCO	7:AM	8:30
Donald Nesom	Donald Nesom	STRANCO	7:AM	8:30
Leonard Dupuis	[illegible]	PSC	7AM	5:30
Durnell Frank	Durnell Frank	CVS	7AM	5:00
Fay Ledford	Fay Ledford	PSC	7:50	5:00
Robert Leslie	[illegible]	MP&A	0720	1900
Kevin Heise	[illegible]	RFI	10:05 am	11:15
Paul Theus	Paul Theus	P.S.C.	10:45	11:15
Shannon Richard	Shannon Richard	P.S.C.	10:45	11:15

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Daily Worksheet Sign In / Sign Out Log

Date: 5-14-05

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	5:00 AM	6 PM
Donald Nesom	Donald Nesom	STRANCO	7:00 AM	6 PM
Paul L. Guidry	Paul L. Guidry	STRANCO	7:00 AM	6 PM
Gary Delafoussie	Gary Delafoussie	PSC	7:00 AM	7:30 PM
Clarence Gondette	Clarence Gondette	PSC	7:00 AM	7 PM
Billy Knight	Billy Knight	PSC	7:00 AM	7 PM
Jermaine Broussard	Jermaine Broussard	PSC	7:00 AM	7 PM
Leonard Kidder	Leonard Kidder	PSC	7:00 AM	7 pm
Durnell Frank	Durnell Frank	CVS	7 AM	5:30 pm
Mark n Robks	Mark	CVS	7 AM	5:30 pm
Lloyd Fountain	Lloyd Fountain	CVS	7 AM	5:30 PM
John Stevenson	John Stevenson	STRANCO	7 AM	6 PM
Jeff Landry	Jeff Landry	STRANCO	7 AM	6 PM
Paul Thevis	Paul Thevis	P.S.C.	7 AM	7:30 P.M
Bo Thibodeaux	Bo Thibodeaux	PSC	7:00 AM	7:45 AM
Leonard Papin	Leonard Papin	PSC	7:00 AM	3:00 pm
Robert Leslie	Robert Leslie	MP&A	0900	1600
Tony C Mache	Tony C Mache	PSC	7:00 AM	7 pm

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Daily Worksheet Sign In / Sign Out Log

Date: 5/15/03

Name	Signature	Co	Time In	Time Out
Gary DeMatoissio	Gary DeMatoissio	PSC	7:00AM	6:00pm
Don Devine	Don Devine	STRANCO	5 AM	5:30 PM
Paul [illegible]	Paul [illegible]	STRANCO	5:AM	5:30PM
Donald Nesom	Donald Nesom	STRANCO	7:00AM	5:30PM
Jeff Landry	Jeff Landry	STRANCO	5:00AM	5:30 PM
John Stevenson	John Stevenson	STRANCO	7:00AM	5:30PM
Chris Ferris	[illegible]	MPA	7:00AM	5:30pm
Dwinell Frank	Dwinell Frank	CVS	7:35AM	4:30PM
Fay Ledford	Fay Ledford	PSC	8:25	4:00 PM

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Daily Worksheet Sign In / Sign Out Log

Date: 5-16-03

Name	Signature	Co	Time In	Time Out
DON DEVINE	Don Devine	STRANCO	7AM	2:00
Paul L. Guidry	Paul LG	STRANCO	7AM	2:00
Gary Delafoissie	Gary Delafoissie	PSC	7AM	2:00
DONALD NESON	Donald Neson	STRANCO	7AM	2:00
LEONARD DUPUIS	[illegible]	PSC		2:00
John Stevenson	John Stevenson			2:00
Jeff Landry	Jeff Landry	STRANCO	7 AM	2:00
CHRIS FERRI	[illegible]	MP+A	7 AM	2:00
Durnell Frank	Durnell Frank	CVS	8:30AM	2:00
Fay Ledford	Fay Ledford	PSC	12:40	2:00

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Daily Worksheet Sign In / Sign Out Log

Date: 5/19/03

Name	Signature	Co	Time In	Time Out
GARY Delafoisse	Gary Delfoisse	PSC	6:45AM	6:30PM
DONALD NESOM	Donald Nesom	STRANCO	7:00AM	
Don DEVINE	Don Devine	STRANCO	7 AM	
John Stevenson	John Stevenson	STRANCO	7:00AM	
Paul Konich	Paul Konich	STRANCO	7:00AM	
Jeff Landry	Jeff Landry	STRANCO	7:00AM	
Robert Leslie	Robert Leslie	MPEA	1100	
Fay Ledford	Fay Ledford	PSC	4:40pm	

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Daily Worksheet Sign In / Sign Out Log

Date: 5-20-03

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	6:30AM	8 PM
John Stevenson	John Stevenson	STRANCO	6:30am	8 PM
Paul L. Guidry	Paul Guidry	STRANCO	6:30am	8 PM
Donald Nesom	Donald Nesom	STRANCO	6:30AM	6 PM
Jeff Landry	Jeff Landry	STRANCO	6:30AM	8 PM
Gary Delafoisse	Gary Delafoisse	PSC	6:30AM	6 PM
Leonard Duty	[illegible]	PSC		
Fay Ledford	Fay Ledford	PSC	9:25	
Robert Leslie	[illegible]	MP&A	1400	

PSC Industrial Outsourcing, Inc.

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Daily Worksheet Sign In / Sign Out Log

Date: 5-21-03

Name	Signature	Co	Time In	Time Out
Paul L. Guidry	Paul L. Guidry	STRANCO	6:30 am	6 PM
John Stavanson	John Stavanson	STRANCO	6:30AM	
DONALD NESOM	Donald Nesom	STRANCO	6:30 am	
GARY DELAHOUSSIE	Gary Delahoussie	PSC	6:30AM	
Jeff Landry	Jeff Landry	STRANCO	6:30AM	
R. Leslie	[illegible]	MP&A	0650	
Fay Ledford	Fay Ledford	PSC	7:30	
Paul Theuns	Paul Theuns	PSC	7:30	
Lance Mitchell	Lance Mitchell	Cabosien Recycling	9:12	9:26
Don Devine	Don Devine	STRANCO	9 AM	
Mike Pizzini	Mike Pizzini	MP&A	6:30am	
Kevin Heise	[illegible]	BFI	1:55pm	2:30
DENNY MIZE	Denny Mize	BFI	1:55pm	2:30

PSC Industrial Outsourcing, Inc.

• 543 Renaud Drive • Lafayette, LA 70507 • 337-233-4889

Daily Worksheet Sign In / Sign Out Log

Date: 5-22-03

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	6:30AM	10 PM
Paul L. Guidry	Paul [illegible]	STRANCO	6:30AM	6 PM
~~Donald Nesom~~	Donald Nesom	STRANCO	6:30AM	6 PM
John Stevenson	John Stevenson	STRANCO	6:30AM	10 PM
Jeff Landry	Jeff Landry	STRANCO	6:45AM	6 PM
Robert Leslie	[illegible]	MP&A	0630	2030
Leonard Dupin	[illegible]	PSC	700	
Fay Ledford	Fay Ledford	PSC	11:35	

PSC Industrial Outsourcing, Inc.

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Daily Worksheet Sign In / Sign Out Log

Date: 5-23-03

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	6:30 AM	3 PM
Paul L. Guidry	Paul Guidry	STRANCO	6:30 AM	2 PM
Jeff Landry	Jeff Landry	STRANCO	6:30 AM	|
Donald Nesom	Donald Nesom	STRANCO	6:30 AM	|
John Stevenson	John Stevenson	STRANCO	6:30 AM	|
Fay Ledford	Fay Ledford	PSC	7:40	1:00

PSC Industrial Outsourcing, Inc.

• 543 Renaud Drive • Lafayette, LA 70507 • 337-233-4889

Daily Worksheet Sign In / Sign Out Log

Date: 5-26-03

Name	Signature	Co	Time In	Time Out
DON DEVINE	Don Devine	STRANCO	8 AM	5 PM
John Stevenson		"	8 AM	|
DONALD NESOM	Donald Nesom	STRANCO	8 AM	|

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Daily Worksheet Sign In / Sign Out Log

Date: 5-27-03

Name	Signature	Co	Time In	Time Out
DON DEVINE	[illegible]	STRANCO	6:30 AM	5 PM
John Stevenson	[illegible]	STRANCO	6:30 AM	
Paul L Guidry	[illegible]	STRANCO	6:30 AM	
DONALD NESOM	[illegible]	STRANCO	6:30 AM	
GARY DELAFOUSSE	[illegible]	PSC	6:30 AM	
CHRIS FARRELS	[illegible]	MP+A	6:30 AM	

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Daily Worksheet Sign In / Sign Out Log

Date: 5-28-03

Name	Signature	Co	Time In	Time Out
DONALD NESOM	Donald Nesom	STRANCO	6:30AM	5 PM
Paul L. Guidry	Paul	STRANCO	6:30AM	5PM
John Stevenson	Stevenson	STRANCO	6:30	5PM
Gary DeLafosse	Gary DeLafosse	PSC	6:30AM	
Jeff Landry	Jeff Landry	STRANCO	6:30AM	5PM
Chris Fanci	[illegible]	MP&M	6:30AM	
Robert Hall	Robert Hall	I.E. Milling	7:15 AM	7:30AM
Fay Ledford	Fay Ledford	PSC	8:00	
DON DEVINE	Don Devine	STRANCO	6:30	5PM

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Daily Worksheet Sign In / Sign Out Log

COPY

Date: 5-29-03

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	7AM	7:30
DONALD NERON	Donald Neron	STRANCO	7AM	7:30
John Stevenson	John Stevenson	STRANCO	7AM	5PM
CHRIS FRITTS	[illegible]	MPeff	7am	8PM
Jeff Landry	Jeff Landry	STRANCO	7:00AM	7:30
Gary D. Lafoisse	Gary Lafoisse	PSC	1:00Am	7:30
Ferron Prejean	Ferron Prejean	PSC	7:00AM	5:30
Fay Ledford	Fay Ledford	PSC	8:00	5
Leonard Dupin	[illegible]	PSC	8:55	5
Paul J. Guidry	Paul J. Guidry	STRANCO	[illegible]	5
KEITH HORN	Keith Horn	LDEQ	10:10A	11:05AM

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Daily Worksheet Sign In / Sign Out Log

Date: 5-30-03.

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	7 AM	5:30pm
Donald Nesom	Donald Nesom	STRANCO	7Am	
Paul L. Guidry	Paul Guidry	STRANCO	7Am	
Jeff Landry	Jeff Landry	STRANCO	7 AM	
Chris Francois	Chris Francois	MP+A	7am	5:30pm
Ferron Prejean	Ferron Prejean	PSC	7am	12:30pm
Gary Delafoissie	Gary Delafoissie	PSC	7Am	6:00pm
Fay Ledford	Fay Ledford	PSC	7:20	12:30pm

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Daily Worksheet Sign In / Sign Out Log

Date: 6-2-03

Name	Signature	Co	Time In	Time Out
DON DEVINE	Don Devine	STRANCO	7AM	6:30P
Paul L Guidry	Paul Guidry	STRANCO	7AM	|
DONALD NESOM	Donald Nesom	STRANCO	7AM	|
JERRY L BASS	Jerry L Bass	STRANCO	7AM	|
Gary Delafosse	Gary Delafosse	PSC	7AM	|
Robert Leslie	[illegible]	MPEA	0650	1830
Leonard Dupin	[illegible]	PSC	0700	|
Fay Ledford	Fay Ledford	PSC	8:00	|

PSC Industrial Outsourcing, Inc.

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Daily Worksheet Sign In / Sign Out Log

Date: 6-3-05

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	7 AM	7 PM
Paul L. Guidry	Paul L. Guidry	STRANCO	7am	6:30pm
Robert Leslie	[illegible]	MP&A	0700	7:00pm
Gary DeLafoisse	Gary DeLafoisse	PSC	7:00	7:00pm
Donald Nesom	Donald Nesom	STRANCO	7 AM	6:30pm
Jeff Landry	Jeff Landry	STRANCO	7 AM	
Isreal Hammond	Isreal Hammond	STRANCO	7:00 AM	
Fay Ledford	Fay Ledford	PSC	7:00	6:30pm

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Daily Worksheet Sign In / Sign Out Log

Date: 6-4-03

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	5:45AM	6:30 PM
Gary Delafosse	Gary Delafosse	PSC	7:00 Am	
Jeff Landry	Jeff Landry	STRANCO	7:00AM	
Jerry L Bass	Jerry L Bass	STRANCO	7:00AM	
Paul L. Guidry	Paul Guidry	STRANCO	7:00Am	
Donald Nesom	Donald Nesom	STRANCO	7:00AM	
Fay Ledford	Fay Ledford	PSC	7:00	11:55 Am
Robert Leslie	Robert Leslie	MP&A	0700	
Mike Pisani	Mike Pisani	MP&A	15:00	

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Daily Worksheet Sign In / Sign Out Log

Date: 6-5-03

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	7 AM	6:30pm
Donald Nesom	Donald Nesom	STRANCO	7AM	
Jerry Bass	Jerry L Bass	STRANCO	7AM	
Paul L Guidry	Paul LG	Stranco	7:Am	
Gary Delahoussi	Gary Delahoussi	PSC	7Am	6:30pm
Ferron Prejean	Ferron Prejean	PSC	7AM	5:00pm
Clarence Landette	Clarence Landette	PSC	7AM	
Blane Williams	Blane Williams	PSC	7AM	
Roy Roberts	Roy Roberts	PSC	7AM	
Lester Guillory	Lester Guillory	PSC	7AM	
Jeff Landry	Jeff Landry	STRANCO	7AM	5:00pm
Toby C Mecho	Toby C Mecho	PSC	7AM	7:50 Am
Leonard Kidder	Leonard Kidder	PSC	7 AM	5:00pm
Robert Leslie	Robert Leslie	MP&A	0700	1700
Durnell Frank	Durnell Frank	CVS	7am	5:00pm
Barrett Boudoin	Barrett Boudoin	CVS	7am	5:01pm
Bo Thibodeaux	Bo Thibodeaux	PSC	7:20Am	7:50 Am
Leonard Dupin	Leonard Dupin	PSC	—	—
Dickey W. LaPointe	Dickey W. LaPointe	PSC	7:40AM	5:00pm
B				

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Daily Worksheet Sign In / Sign Out Log COPY

Date: 6-6-03

Name	Signature	Co	Time In	Time Out
Paul LeBouef	Paul [illegible]	STRANCO	7:00 AM	1:30 pm
Jerry L BASS	Jerry L Bass	STRANCO	7:00AM	"
Jeff Landry	Jeff Landry	STRANCO	7:00AM	"
DONALD NESOM	Donald Nesom	STRANCO	7AM	1:30 pm
Ferron Prejean	Ferron Prejean	PSC	7AM	3:30 pm
Clarence Comeaux	Clarence Comeaux	PSC	7AM	
Shannon Harris.	Shannon Harris	PSC	7AM	
Lester Guillory	Lester Guillory	PSC	7AM	
Jerred Hebert	Jerred Hebert	PSC	7AM	
Shannon Richard	Shannon Richard	PSC	7AM	
Billy Knight	[illegible]	PSC	7AM	
Leonard Ridder	Leonard Ridder	PSC	7AM	
Robert Leslie	[illegible]	MP&A	0700	
Fay Ledford	Fay Ledford	PSC	9:00	
Bo Thibodeaux	Bo Thibodeaux	PSC	10:29a	
Edwin wyatt	Edwin wyatt	PSC	10:30a	3:30 pm

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Daily Worksheet Sign In / Sign Out Log

Date: 6-9-05

Name	Signature	Co	Time In	Time Out
DON DEVINE	Don Devine	STRANCO	6:15 AM	7:30 pm
Paul Guidry	Paul Guidry	STRANCO	7:00 AM	↕
GARY PELAFOISSE	Gary Pelafoisse	PSC	6:45 AM	7:30 pm
DONALD NESOM	Donald Nesom	STRANCO	7:AM	↓
JERRY L BASS	Jerry L Bass	STRANCO	7:AM	↓
Jeff Landry	Jeff Landry	STRANCO	7 AM	↓
Durnell Frank	Durnell Frank	CVS	7 AM	2:00 pm
Ferron Prejean	Ferron Prejean	PSC	7AM	
Alton Adams	Alton Adams	PSC	7:AM	
Clarence Gardette	Clarence Gardette	PSC	7:AM	
Lester Guillory	Lester Guillory	PSC	7:AM	
Eugene Key	Eugene Key	PSC	7:AM	
Brandon Duke	Brandon Duke	PSC	7:AM	
Jared Hebert	Jared Hebert	PSC	7:AM	
Leonard Kidder	Leonard Kidder	PSC	7:AM	2:00 pm
LEONARD DUPIS	[illegible]	PSC	7:30 pm	
Robert Leslie	[illegible]	MR&A	0900	1400
Kevin Heise	[illegible]	BFI	10:10 am	1100
DENNY MIZE	[illegible]	B.F.I	10:12	1100

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Daily Worksheet Sign In / Sign Out Log

Date: 6-10-03

Name	Signature	Co	Time In	Time Out
DON DEVINE	Don Devine	STRANCO	6:30 AM	7:30 PM
Gary Delafosse	Gary Delafosse	PSC	7:00 AM	8:30 pm
DONALD HESOM	Donald Hesom	STRANCO	7 AM	7:30 PM
Jeff Landry	Jeff Landry	STRANCO	7 AM	
Paul L. Guidry	Paul Guidry	STRANCO	7:AM	
Jerry L BASS	Jerry L Bass	STRANCO	7:AM	
Fay Ledford	Fay Ledford	PSC	8:AM	9:00
Lance Mitchell	Lance Mitchell	Cal. Recycling	9 AM	9:05AM
Leonard Dupas	[illegible]	PSC	9A	
KEITH HORN	Keith Horn	DEQ	10:15A	11:10 AM
Bo Thibodeaux	Bo Thibodeaux	PSC	1:30p	2:10p
Randy Montes	Randy Montes	PSC	1:30pm	2:10p
Ferron Prejean	Ferron Prejean	PSC	6:00pm	5:00A.M
Leonard Kidder	Leonard Kidder	PSC	6:00PM	5:00A.M
Lester Guillory	Lester Guillory	PSC	6:00PM	5:00A.M
Eugene Key	Eugene Key	P.S.C	6:00PM	5:00A.M
Tim Manuel	Tim Manuel	P.S.C.	6:00PM	5:00A.M
Toby C Meche	Toby C Meche	PSC	6:00PM	5:00A.M
Brandon Duke	Brandon Duke	PSC	6:00PM	5:00A.M
Paul Thevis	Paul Thevis	PSC	5:30	5:00A.M
Clarence Landreth	Clarence Landreth	PSC	6:00PM	5:00A.M

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Daily Worksheet Sign In / Sign Out Log

Date: 6-11-03

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	7 AM	5:30
Paul L. Guidry	Paul L. Guidry	STRANCO	7AM	5:30
Donald Nesom	Donald Nesom	STRANCO	7AM	5:30
Gary Delafoussie	Gary Delafoussie	PSC	6 PM	8:00 PM
Jerry L Bass	Jerry L Bass	STRANCO	7AM	5:30
Jeff Landry	Jeff Landry	STRANCO	7 AM	5:30
Lester Guillory	Lester Guillory	PSC	6 PM	6 AM
Clarence Gandette	Clarence Gandette	PSC	6 PM	6 AM
Tim Manuel	Tim Manuel	PSC	6 PM	6 AM
Leonard Kidder	Leonard Kidder	PSC	6 PM	6 AM
Ferron Prejean	Ferron Prejean	PSC	6 PM	6 AM
Eugene Key	Eugene Key	PSC	6 PM	6 AM
DJ Mouton	DJ Mouton	PSC	6 PM	6 AM
Chad LaPointe	Chad LaPointe	PSC	6 PM	6 AM
Troy LeMaire	Troy LeMaire	PSC	6 PM	6 AM
Quinton Touchet	Quinton Touchet	PSC	6 PM	6 AM
Rickey DuHon	Rickey DuHon	PSC	6 PM	6 AM
Paul Thevis	Paul Thevis	PSC	6 PM	8 AM

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Daily Worksheet Sign In / Sign Out Log

Date: 6-12-03

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	7AM	5:30pm
Paul L. Guidry	Paul L. Guidry	STRANCO	7AM	
Gary DeLafoissie	Gary DeLafoissie	PSC	7AM	
Donald Nelson	Donald Nelson	STRANCO	7AM	
Jerry L Bass	Jerry L Bass	STRANCO	7AM	
Jeff Landry	Jeff Landry	STRANCO	7AM	
Robert Leslie	Robert Leslie	MPHA	0900	5:30pm
Lester Guillory	Lester Guillory	PSC	3:25 PM	8:30pm
Clarence Gardette	Clarence Gardette	P.S.C.	3:25Pm	
Eugene Key	Eugene Key	P.S.C	3:25PM	
Tim Manuel	Tim Manuel	P.S.C.	3:25PM	
Ferron Prejean	Ferron Prejean	P.S.C	3:25PM	
Troy Lemaire	Troy Lemaire	PSC	3:25PM	
Leonard Kidder	Leonard Kidder	PSC	3:25PM	
DS Martin	DS Martin	PSC	3:25 PM	
Richey Dubois	Richey Dubois	PSC	3:25Pm	
Quinton Touchet	Quinton Touchet	PSC	3:25PM	8:30pm
Fay Ledford	Fay Ledford	PSC	8:00	12:30

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Daily Worksheet Sign In / Sign Out Log

Date: 6-13-03

Name	Signature	Co	Time In	Time Out
Don Devine	Don Devine	STRANCO	7 AM	1:00
Gary Delphasse	Gary Delphasse	PSC	6:30 AM	1:00
Leonard Ridder	Leonard Ridder	PSC	6:50 AM	1:00
Bo Thibodeaux	Bo Thibodeaux	PSC	6:50 AM	1:00
Robert Leslie	[illegible]	MP&A	0650	1:00
Jerry L Bass	Jerry L Bass	STRANCO	7:AM	1:00
Donald Nesom	Donald Nesom	STRANCO	7 AM	1:00
Paul L. Guidry	Paul LDJ	STRANCO	7:AM	1:00
Jeff Landry	Jeff Landry	STRANCO	7:AM	1:00
Fay Ledford	PSC Fay Ledford	PSC	7:40	1:00

Appendix N

Air Monitoring Results

Interim Measures/Removal Action Completion Report

SBA Shipyards, Inc. Site Jennings, Louisiana

Summary of Air Monitoring Results
Interim Measures/Removal Action

SBA Shipyards, Inc.
Jennings, Louisiana

			West Fence Line		Grader (North of Oil Pit)		Downwind of Grader		West End of Barge Slip		Property Line North of Grader	
			Particulates NIOSH 0500 (mg/m^3)	Total Hydrocarbons[a] NIOSH 1501 (ppm as n-Hexane)[b]	Particulates NIOSH 0500 (mg/m^3)	Total Hydrocarbons[a] NIOSH 1501 (ppm as n-Hexane)[b]	Particulates NIOSH 0500 (mg/m^3)	Total Hydrocarbons[a] NIOSH 1501 (ppm as n-Hexane)[a]	Particulates NIOSH 0500 (mg/m^3)	Total Hydrocarbons[a] NIOSH 1501 (ppm as n-Hexane)[b]	Particulates NIOSH 0500 (mg/m^3)	Total Hydrocarbons[a] NIOSH 1501 (ppm as n-Hexane)[b]
		NIOSH Standard:	0.82[c]	50	0.82[c]	50	0.82[c]	50	0.82[c]	50	0.82[c]	50
Date	Wind Direction	Wind Speed										
March 4, 2003[d]	Not Recorded	Not Recorded	0.011	0.253	0.190	0.356	Not Analyzed	Not Analyzed	ND (0.011)	ND (0.078)	0.112	0.368
April 15, 2003	Southeast	5 to 15	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
April 16, 2003	Southeast	5 to 15	ND (0.011)	ND (0.078)	0.177	0.152	0.044	ND (0.078)	1.565[e]	0.078	Not Analyzed	Not Analyzed
April 17, 2003	Southeast	5 to 10	0.033	ND (0.078)	5.831[e]	ND (0.078)	0.762	ND (0.078)	0.802	ND (0.078)	Not Analyzed	Not Analyzed
April 18, 2003	Southeast	5 to 10	0.033	ND (0.078)	0.055	ND (0.078)	Not Analyzed	Not Analyzed	0.044	ND (0.078)	0.033	ND (0.078)

			Oil Pit Perimeter							
			180 feet west		90 feet north		75 feet northeast		210 feet east	
			Particulates NIOSH 0500 (mg/m^3)	Total Hydrocarbons[a] NIOSH 1501 (ppm as n-Hexane)[b]	Particulates NIOSH 0500 (mg/m^3)	Total Hydrocarbons[a] NIOSH 1501 (ppm as n-Hexane)[b]	Particulates NIOSH 0500 (mg/m^3)	Total Hydrocarbons[a] NIOSH 1501 (ppm as n-Hexane)[b]	Particulates NIOSH 0500 (mg/m^3)	Total Hydrocarbons[a] NIOSH 1501 (ppm as n-Hexane)[b]
		NIOSH Standard:	0.82[b]	50	0.82[b]	50	0.82[b]	50	0.82[b]	50
Date	Wind Direction	Wind Speed								
March 4, 2003[d]	Not Recorded	Not Recorded	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
April 15, 2003	Southeast	5 to 15	Not Analyzed	ND (0.078)	Not Analyzed	ND (0.078)	Not Analyzed	ND (0.078)	Not Analyzed	ND (0.078)
April 16, 2003	Southeast	5 to 15	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
April 17, 2003	Southeast	5 to 10	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
April 18, 2003	Southeast	5 to 10	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed

Notes:

Air monitoring sample collection was performed by PSC Industrial Outsourcing, Inc.

(a) Measured concentration is 10-hour time-weighted average (10-hour TWA) concentration.

(b) NIOSH standard is for 8-hour time-weighted average (8-hour TWA) concentration.

(c) Though the majority of site dust is road dust and clay fines due to dry site conditions, the action level for Mineral Dust (>5% silica) is based on a conservative assumption that all particulates are fly ash.

(d) Baseline sampling event prior to initiation of stabilization/solidification activities in former Oil Pit.

(e) Value shown exceeded action level, and working conditions were modified to reduce dust emissions, in accordance with the April 10, 2003 *Fly Ash Staging and Mix Plan* and the site-specific November 1, 2001 *Health and Safety Plan*. Corrective measures were implemented to control road dust emissions and stabilization reagent dust emissions, through the use of water sprays, traffic control measures, and tarpaulin covers (as applicable).

Procedure for Air Monitoring

Sampling Equipment

Sampling equipment being used for this job are the Gilian airflow pump with a PVC 37mm cassette, and the 3M 3500 OVM badges for total organic compound. The Gilian airflow pump will be calibrated with the Gilian bubble calibrator. The pump will sample for total dust and will be calibrated at flow rate of 1.5 liter.

Sampling Protocol

Sampling devices will be placed around the perimeter of the job site at four locations, with the intent to catch up, down and cross wind samples.

Analytical Procedure

Analytical methods used for total dust and total organic compounds are:

Total dust	NISOH 0500
Total Organic Compound	NISOH 1501

Chemtex Laboratory will be doing the analytical.

PSC Industrial Outsourcing, Inc.
543 Renaud Drive
Lafayette, LA 70507
Phone: 337-233-4889
Fax: 337-233-6401

PSC INDUSTRIAL OUTSOURCING, INC.

Fax

To:	Rob Leslie	**From:**	Fay Ledford
Fax:	504-582-2470	**Pages:**	15
Phone:		**Date:**	4/25/03
Re:	Air Monitoring Results	**CC:**	

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

• **Comments:**

Per your request.

Fay

CHEMTEX
Environmental & Industrial Hygiene Services
3082 25th Street, Port Arthur, Texas 77642 • (409) 983-4575 FAX (409) 982-1522
5544 Leopard Street, Corpus Christi, Texas 78408 • (361) 299-9900 FAX (361) 299-1155
138 S. Cities Service Hwy., Sulphur, Louisiana 70663 • (337) 626-2121 FAX (337) 626-0405

Client: Philip Services Corporation
330 Walcot Rd.
Westlake, LA 70669

Report Date: 04/24/03
Date Collected: 04/16/03
Collected By: Client
Date Received: 04/21/03
Time Received: 06:15am
Date Analyzed: 04/23/03
Analyst: NSR
CHEMTEX FILE #: P3040742

Attn: Mr. Bobby Palermo

RESULTS OF ANALYSIS
LOCATION: Jennings
Project: SBA Shipyard

CHEMTEX #	Sample Identification	Parameter	Sampling Volume (lit)	mg/filter	Results mg/m³	MDL
P3040742	030416-001	Total Dust	909.0	< 0.01	< 0.011	0.01
P3040743	030416-002	Total Dust	905.0	0.16	0.177	0.01
P3040744	030416-003	Total Dust	902.0	0.4	0.044	0.01
P3040745	030416-004	Total Dust	901.0	1.14	1.565	0.01

MDL: Method Detection Limit

Analyzed by NIOSH 0500

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CHEMTEX
Environmental & Industrial Hygiene Services
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5544 Leopard Street, Corpus Christi, Texas 78408 • (361) 299-9900 FAX (361) 299-4155
138 S. Cities Service Hwy., Sulphur, Louisiana 70663 • (337) 626-7121 FAX (337) 626-0405

Client: Philip Services Corporation
330 Walcot Rd.
Westlake, LA 70669

Attn: Mr. Bobby Palermo

Report Date: 04/24/03
Sample Matrix: OVM Badges
Date Collected: 04/16/03
Collected By: Client
Date Received: 04/21/03
Time Received: 06:15am
Date Analyzed: 04/22/03
Analyst: NSR
CHEMTEX FILE #: P3040742

RESULTS OF ANALYSIS
LOCATION: Jennings
Project: SBA Shipyard

CHEMTEX #	Sample Identification	Parameter	Sampling Time (min)	Results ug/Sample	Results ppm in air	TWA* ppm in Air	R.L ug/Sample
P3040746	030416-005	THC as n-Hexane	600	< 4.50	< 0.062	< 0.078	4.50
P3040747	030416-006	THC as n-Hexane	600	8.78	0.121	0.152	4.50
P3040749	030416-007	THC as n-Hexane	600	< 4.50	< 0.062	< 0.078	4.50
P3040750	030416-008	THC as n-Hexane	600	< 4.50	0.062	0.078	4.50
Method Blank	OVM Badge	Total Hydrocarbons as n-Hexane	Blank	< 4.50	---	---	4.50

R.L: Reporting Limit
* TWA: 8 hours time weighted average

Analyzed by NIOSH 1501

CNReddy

Dr. C. N. Reddy, Ph.D, CIH, ASP
Director

bmb/CNR

The analytical results, opinions or interpretations contained in this report are based upon information not provided to the client, the sample collection and analysis are also based on the information provided by the client. The analytical results, opinions or interpretations contained herein are the best judgment of CHEMTEX. CHEMTEX makes no warranty or representation, express or implied, as to any error and expressly disclaims them. This report shall not be reproduced, in whole or in part, without the written consent of CHEMTEX.

PSC
Industrial Services Group
330 Walcot Road
Westlake, LA 70669

Project: SBA SHIPYARD Project #

Location: JENNINGS Sample Collected by:

Sample Transported by:

Address: P.O. as applicable: TOTAL Hydrocarbon

	Sample #	Lab #	Location/Description		Date Collected	Sampling Time & Volume	Analysis Requested	
1	0204K-001		WEST FENCE LINE		4/16/03	908 LIT	TOTAL DUST	P304071
2	002		GRADER (NORTH OF PIT)		4/16/03	905 LIT	TOTAL DUST	P304072
3	003		DOWN WIND OF GRADER		4/16/03	902 LIT	TOTAL DUST	P304073
4	004		AT BARGE SLIP		4/16/03	901 LIT	TOTAL DUST	P304074
5	005		WEST FENCE LINE	OF 1895	4/16/03	600 MIN	THC	P304074
6	006		GRADER (NORTH OF PIT	RK 6977	4/16/03	600 MIN	THC	P304076
7	007		DOWN WIND OF GRADER	RK 7163	4/16/03	600 MIN	THC	P304077
8	008		AT BARGE SLIP	OF 1499	4/16/03	600 MIN	THC	P304075
9								
10								
11								
12								
13								
14								
15								

PRIORITY Request: RUSH (✓) Normal Run ( ) Please Initial:

Special Comments or Instructions: TOC = TOTAL ORGANIC COMPOUND

Custody:					
Release:	[signature]	Date:		Time:	
Receipt:	[signature]	Date:		Time:	
Release:	[signature]	Date:		Time:	
Receipt:	[signature]	Date:	4/21/03	Time:	10:50
Release:	[signature]	Date:	4/21/03	Time:	10:50
Receipt:	[signature]	Date:	4/21/03	Time:	6:15pm

Lab Name and Address:

FAX and MAIL RESULTS TO:
Robert Palermo
337-882-1314

CHEMTEX
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5544 Leopard Street, Corpus Christi, Texas 78408 • (361) 299-9900 FAX (361) 299-1155
138 S. Cities Service Hwy., Sulphur, Louisiana 70663 • (337) 626-2121 FAX (337) 626-0405

Client: Philip Services Corporation
330 Walcot Rd.
Westlake, LA 70669

Report Date: 04/24/03
Sample Matrix: PVC Filters
Date Collected: 03/04/03
Collected By: Stephen Strodand
Date Received: 04/22/03
Time Received: 05:20pm
Date Analyzed: 04/23/03
Analyst: NSR
CHEMTEX FILE #: P3040813

Attn: Mr. Bobby Palermo

RESULTS OF ANALYSIS
LOCATION: Jennings
Project: SBA Shipyard

CHEMTEX #	Sample Identification	Parameter	Sampling Volume (lit)	mg/filter	Results mg/m³	mg/Sample
P3040813	030421-001	Total Dust	896.0	0.01	0.011	0.01
P3040814	030421-002	Total Dust	896.0	0.17	0.190	0.01
P3040815	030421-003	Total Dust	896.0	0.10	0.112	0.01
P3040816	030421-004	Total Dust	896.0 <	0.01	< 0.011	0.01

MDL: Method Detection Limit

Analyzed by NIOSH 0500

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138 S. Cities Service Hwy., Sulphur, Louisiana 70663 • (337) 626-2121 FAX (337) 626-0403

Client: Philip Services Corporation
330 Walcot Rd.
Westlake, LA 70669

Attn: Mr. Bobby Palermo

Report Date: 04/24/03
Date Collected: 03/04/03
Collected By: Client
Date Received: 04/22/03
Time Received: 05:20am
Date Analyzed: 04/22/03
Analyst: NSR
CHEMTEX FILE #: P3040813

RESULTS OF ANALYSIS
LOCATION: Jennings, LA
Project: SBA Shipyard

nelap certificate # 02007

CHEMTEX #	Sample Identification	Parameter	Sampling Time (min)	Results ug/Sample	Results ppm in air	TWA* ppm in Air	R.L ug/Sample
P3040817	030421-005	THC as n-Hexane	600	14.66	0.203	0.253	4.50
P3040818	030421-006	THC as n-Hexane	600	20.63	0.285	0.356	4.50
P3040819	030421-007	THC as n-Hexane	600	21.30	0.294	0.368	4.50
P3040820	030421-008	THC as n-Hexane	600	< 4.50	< 0.062	< 0.078	4.50
Method Blank	OVM Badge	Total Hydrocarbons as n-Hexane	Blank < 4.50		---	---	4.50

R.L: Reporting Limit
* TWA: Shows time weighted average.

Analyzed By NIOSH 1501

Dr. C. N. Reddy, Ph.D, CIH, ASP
Director

bmb/CNR

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Received Time Apr.25. 9:14AM

PHILIP SERVICES
Industrial Services Group
(800) 400-8776 or (800) 434-9083

Project: SBA Shipyard
Project #:
Location: Jennings LA
Sample Collected by: Stephen Stheadard
Sample Transported by:
Address:
P.O. as applicable:

	Sample	Lab #	Identification	Date Collected	Sampling Time & Volume	Analysis Requested
896	448	P3040813	030421-001	3/4/03	Fence	TOTAL DUST
2		814	030421-002		Garden	
3		815	030421-003		Prop Line N Garden	
4		816	030421-004	3/4/03.	Bridge Step	TOTAL DUST
5		817	030421-005			THC
6		818	030421-006			THC
7		819	030421-007			THC
8		820	030421-008			THC
9						
10						
11						
12						
13						
14						
15						

PRIORITY Request: RUSH ( ) Normal Run (✓) Please Initial:
Special Comments or Instructions:

Custody:
Release: Robert Palermo Date: 4-22-03 Time:
Receipt: R. Carruth Date: 04/22/03 Time: 15:25PM
Release: Date: Time:
Receipt: Date: Time:
Release: Date: Time:
Receipt: Date: Time:
Release: Date: Time:

Laboratory Name and Address:

FAX and Mail Results:
Bobby Palermo
337 882- 1314

Page ____ of ____

CHEMTEX
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138 S. Cities Service Hwy., Sulphur, Louisiana 70663 • (337) 626-2121 FAX (337) 626-0405

Client: Philip Services Corporation
330 Walcot Rd.
Westlake, LA 70669

Report Date: 04/24/03
Date Collected: 04/15/03
Collected By: Client
Date Received: 04/21/03
Time Received: 10:50am
Date Analyzed: 04/23/03
Analyst: NSR
CHEMTEX FILE #: P3040751

Attn: Mr. Bobby Palermo

nelap certificate # 02077

RESULTS OF ANALYSIS
LOCATION: Jennings, LA

CHEMTEX #	Sample Identification	Parameter	Sampling Time (min)	Results ug/Sample	ppm in Air	TWA* ppm in Air	R.L ug/Sample
P3040751	030415-001	THC as n-Hexane	480	< 4.50	< 0.078	< 0.078	4.50
P3040752	030415-002	THC as n-Hexane	480	< 4.50	< 0.078	< 0.078	4.50
P3040753	030415-003	THC as n-Hexane	480	< 4.50	< 0.078	< 0.078	4.50
P3040754	030415-004	THC as n-Hexane	480	< 4.50	< 0.078	< 0.078	4.50
Method Blank	OVM Badge	Total Hydrocarbons as n-Hexane	Blank	< 4.00	---	---	4.50

R.L: Reporting Limit
* TWA: 8 hours Time Weighted Average.

Analyzed by NIOSH 1501

KC Reddy
for Dr. C. K. Reddy, Ph.D, CIH, ASP
Director

bmb/jlm/CNR

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Received Time Apr.25. 9:14AM

PSC
Industrial Services Group
330 Walent Road
Westlake, LA 70669

Project: SBA Shipyard Project #

Location: Jennings La Sample Collected by:

Sample Transported by: Total Hydrocarbon

Address: P.O. as applicable:

	Sample #	Lab #	Location/Description	Date Collected	Sampling Time & Volume	Analysis Requested	Chain of Custody
1	P304075-001		WEST OF POND ≈ 60 YDS RK 6863	4/15/03	4.80 mid	THC	P304075
2	002		NORTH OF POND ≈ 30 YDS RK 7011			THC	P304075
3	003		N.E. OF POND ≈ 35 YDS RK 7197			THC	P304075
4	004		EAST OF POND ≈ 70 YDS RK 7114			THC	P304075
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

PRIORITY Request: RUSH ( ) Normal Run ( ) Please Initial:

Special Comments or Instructions: TOC = Total Organic Compound

Custody:				
Release:	Sutton Hall	Date:		Time:
Receipt:		Date:		Time:
Release:		Date:		Time:
Receipt:	Robert Palermo	Date:	4/21/03	Time: 10:50
Release:	R. Cousin	Date:	04/21/03	Time: 11:50
Receipt:	R. Cousin	Date:	04/21/03	Time: 5:13 PM

Lab Name and Address:

FAX and MAIL RESULTS TO:
Robert Palermo
337-882-1314

Received Time Apr. 25. 9:14AM

CHEMTEX
Environmental & Industrial Hygiene Services

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138 S. Cities Service Hwy., Sulphur, Louisiana 70663 • (337) 626-2123 FAX (337) 626-0405

Client: Philip Services Corporation
330 Walcot Rd.
Westlake, LA 70669

Attn: Mr. Bobby Palermo

Report Date: 04/24/03
Date Collected: 04/17/03
Collected By: Silton Matt
Date Received: 04/21/03
Time Received: 10:50am
Date Analyzed: 04/23/03
Analyst: NSR
CHEMTEX FILE #: P3040763

nelap certificate # 02077

RESULTS OF ANALYSIS
LOCATION: Jennings
Project: SBA Shipyard

CHEMTEX #	Sample Identification	Parameter	Sampling Volume (lit)	mg/filter	Results mg/m³	MDL mg/filter
P3040763	030417-001	Total Dust	902.0	0.03	0.033	0.01
P3040764	030417-002	Total Dust	890.0	5.19	5.831	0.01
P3040765	030417-003	Total Dust	892.0	0.68	0.762	0.01
P3040766	030417-004	Total Dust	898.0	0.72	0.802	0.01

MDL: Method Detection Limit

Analyzed by NIOSH 0500

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338 S. Cities Service Hwy, Sulphur, Louisiana 70663 • (337) 626-2121 FAX (337) 620-0405

Client: Philip Services Corporation
330 Walcot Rd.
Westlake, LA 70669

Attn: Mr. Bobby Palermo

Report Date: 04/24/03
Date Collected: 04/17/03
Collected By: Client
Date Received: 04/21/03
Time Received: 10:50am
Date Analyzed: 04/22/03
Analyst: NSR
CHEMTEX FILE #: P3040763

nelap certificate # 02077

RESULTS OF ANALYSIS
LOCATION: Jennings, LA
Project: SBA Shipyard

CHEMTEX #	Sample Identification	Parameter	Sampling Time (min)	Results ug/Sample	Results ppm in air	TWA* ppm in Air	R.L ug/Sample
P3040767	030417-005	THC as n-Hexane	600	< 4.50	< 0.062	< 0.078	4.50
P3040768	030417-006	THC as n-Hexane	600	< 4.50	< 0.062	< 0.078	4.50
P3040769	030417-007	THC as n-Hexane	600	< 4.50	< 0.062	< 0.078	4.50
P3040770	030417-008	THC as n-Hexane	600	< 4.50	< 0.062	< 0.078	4.50
Method Blank	OVM Badge	Total Hydrocarbons as n-Hexane	Blank	< 4.50	---	---	4.50

R.L: Reporting Limit
*TWA: 8 hours Time Weighted Average.

Analyzed by NIOSH 1501

KCReddy

for Dr. C. N. Reddy, Ph.D, CIH, ARP
Director

bmb/jlm/CNR

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Received Time Apr.25. 9:14AM

PSC
Industrial Services Group
330 Walcot Road
Westlake, LA 70669

Project: SBA SHIPYARD Project #

Location: JENNINGS Sample Collected by: SILTON MATT
Sample Transported by:
Address: P.O. as applicable:

	Sample #	Lab #	Location/Description	Date Collected	Sampling Time & Volume	Analysis Requested	CHEMTEX
1	03PHT-001		WEST FENCE LINE	4/21/03	902 LIT	TOTAL DUST	P304076
2	002		GRADER (NORTH OF PIT)		890 LIT		P304076
3	003		DOWN WIND OF GRADER (NORTH OF PIT)		892 LIT		P304076
4	004		EAST NORTH EAST OF PIT @ SLIP		898 LIT		P304076
5	005		WEST FENCE LINE		600 MIN	THC	P304076
6	006		GRADER (NORTH OF PIT)		600 MIN		P304076
7	007		DOWN WIND OF GRADER (NORTH OF PIT)		600 MIN		P304076
8	008		EAST NORTH EAST OF PIT @ SLIP		600 MIN		P304077
9							
10							
11							
12							
13							
14							
15							

PRIORITY Request: RUSH ( ) Normal Run ( ) Please Initial:
Special Comments or Instructions: TOC = TOTAL ORGANIC COMPOUND

Custody:					
Release:	Silton Matt	Date:		Time:	
Receipt:		Date:		Time:	
Release:	Robert Palermo	Date:	4/21/03	Time:	10:50
Receipt:	R. Carlson	Date:	04/21/03	Time:	10:50 AM
Release:		Date:		Time:	
Receipt:		Date:		Time:	

Lab Name and Address:

FAX and MAIL RESULTS TO:
Robert Palermo
337-882-1314

Received Time Apr.25. 9:14AM

CHEMTEX
Environmental & Industrial Hygiene Services
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138 S. Cities Service Hwy., Sulphur, Louisiana 70663 • (337) 626-2121 FAX (337) 626-0405

Client: Philip Services Corporation
330 Walcot Rd.
Westlake, LA 70669

Attn: Mr. Bobby Palermo

Report Date: 04/24/03
Date Collected: 04/18/03
Collected By: Client
Date Received: 04/21/03
Time Received: 6:15pm
Date Analyzed: 04/23/03
Analyst: NSR
CHEMTEX FILE #: P3040755

nelap certificate # 02077

RESULTS OF ANALYSIS
LOCATION: Jennings, LA
Project: SBA Shipyard

CHEMTEX #	Sample Identification	Parameter	Sampling Volume (Lit)	mg/filter	Results mg/m^3	MDL mg/filter
P3040755	030418-001	Total Dust	909.0	0.03	0.033	0.01
P3040756	030418-002	Total Dust	911.0	0.05	0.055	0.01
P3040757	030418-003	Total Dust	912.0	0.03	0.033	0.01
P3040758	030418-004	Total Dust	917.0	0.04	0.044	0.01

MDL: Method Detection Limit

Analyzed by NIOSH 0500

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138 S. Cities Service Hwy., Sulphur, Louisiana 70663 • (337) 626-2121 FAX (337) 626-0405

Client: Philip Services Corporation
330 Walcot Rd.
Westlake, LA 70669

Report Date: 04/24/03
Date Collected: 04/18/03
Collected By: Client
Date Received: 04/21/03
Time Received: 6:15pm
Date Analyzed: 04/22/03
Analyst: NSH
CHEMTEX FILE #: P3040755

Attn: Mr. Bobby Palermo

nelap certificate # 02077

RESULTS OF ANALYSIS
LOCATION: Jennings, LA
Project: SBA Shipyard

CHEMTEX #	Sample Identification	Parameter	Sampling Time (min)	Results ug/Sample	Results ppm in air	TWA* ppm in Air	R.L ug/Sample
P3040759	030418-005	THC as n-Hexane	600	< 4.50	< 0.062	< 0.078	4.50
P3040760	030418-006	THC as n-Hexane	600	< 4.50	< 0.062	< 0.078	4.50
P3040761	030418-007	THC as n-Hexane	600	< 4.50	< 0.062	< 0.078	4.50
P3040762	030418-008	THC as n-Hexane	600	< 4.50	< 0.062	< 0.078	4.50
Method Blank	OVM Badge	Total Hydrocarbons as n-Hexane	Blank	< 4.50	---	---	4.50

R.L: Reporting Limit
*TWA: 8 hours Time Weighted Average

Analysis by NIOSH 1501

KCReddy

Dr. G. N. Reddy, Ph.D, CIH, ASP
Director

bnb/jlm/CNR

[illegible]

Industrial Services Group
330 Walcott Road
Westlake, LA 70669

Project: SBA SHIPYARD Project #

Location: TERRYTOWN, LA Sample Collected by: S MATT

Sample Transported by:

Address: P.O. as applicable:

	Sample #	Lab #	Location/Description		Date Collected	Sampling Time & Volume	Analysis Requested	#Chowlex
1	030418-001		WEST FENCE LINE		4/18/03	909 LIT	TOTAL ORGT	P3040755
2	002		GRADER (NORTH OF PIT)		4/18/03	911 LIT		P3040756
3	003		NORTH OF GRADER NEAR PROPERTY LINE		4/18/03	912 LIT		P3040757
4	004		ENE OF PIT @ SLIP		4/18/03	917 LIT		P3040758
5	005		WEST FENCE LINE	QE1915	4/18/03	600 MIN	THC	P3040759
6	006		GRADER (NORTH OF PIT)	QE1532	4/18/03	600 MIN		P3040760
7	007		NORTH OF GRADER NEAR PROPERTY LINE	QE1804	4/18/03	600 MIN		P3040761
8	008		ENE OF PIT @ SLIP	QE1854	4/18/03	600 MIN		P3040762
9								
10								
11								
12								
13								
14								
15								

PRIORITY Request: RUSH (✓) Normal Run ( ) Please Initial:

Special Comments or Instructions: TOC = TOTAL ORGANIC CARBON

Custody:		Date:	Time:
Release:		Date:	Time:
Receipt:		Date: 4/21/03	Time: 10:50
Release:		Date: 04/21/03	Time: 10:50
Receipt:		Date: 04/21/03	Time: 6:15PM
Release:		Date:	Time:
Receipt:			

Lab Name and Address:

FAX and MAIL RESULTS TO:
Robert Palermo
337-882-1314