KLEINFELDER

9 October 1989
File: 10-1682-03

Mr. Leif Peterson
Department of Health Services
Alternative Technology Section
Toxic Substances Control Divison
714/740 "P" Street
P.O.Box 942732
Sacramento, CA 94234-7320

SUBJECT: Disposal of Purge Water, Industrial Asphalt Facility, 52 El Charro Road, Pleasanton, California

Dear Mr. Peterson:

As indicated to you in our letter dated August 18,1989, Kleinfelder, Inc., purges and samples several existing monitoring wells at the Industrial Asphalt facility, 52 El Charro Road, Pleasanton, California, on a monthly basis. Purge water is retained in 55-gallon drums and left onsite pending outcome of chemical laboratory testings. All water samples are tested for target compounds including total petroleum hydrocarbons as diesel (TPH-D) and polychlorinated biphenyls (PCBs).

In a letter dated June 20, 1989, from Mr. Robert McCormick to me, the California State Department of Health Services (CSDHS) indicated that liquid containing more than 5 mg/l PCBs is considered a hazardous waste. The most recent test results from the Industrial Asphalt monitoring wells indicate much lower concentrations of PCBs in purge water (Table 1). Mr. Gil Wistar of the Alameda County Department of Environmental Health, Hazardous Materials Program, has approved the disposal of purge water contaminated with TPH-D in manufacturing process used by Industrial Asphalt. Therefore, it is proposed that purge water containing PCBs in concentrations up to 5 mg/l be utilized in this same process.

KLEINFELDER 2121 N. California Blvd., Suite 570, Walnut Creek, CA 94596 (415) 938-5610

Please advise us whether this option for disposal of purge water contaminated with PCBs is acceptable to the CSDHS.

Sincerely,

KLEINFELDER, INC.

Krzysztof (Krys) S. Jesionek
Project Engineer

cc: Dennis Hunt - Industrial Asphalt
Gil Wistar - Alameda County Department of Environmental Health

KSJ:jwh

KLEINFELDER 2121 N. California Blvd., Suite 570, Walnut Creek, CA 94596 (415) 938-5610

KLEINFELDER

9 October 1989
File: 10-1682-03

Mr. Tom DeHollander
Industrial Waste Inspector
Dublin San Ramon Services District
7051 Dublin Boulevard
Dublin, CA 94568

SUBJECT: Disposal of Purge Water into the Sanitary Sewer

Dear Mr. DeHollander:

Kleinfelder, Inc., on behalf of Industrial Asphalt, purges and sample on a monthly basis eleven ground water monitoring wells located at the Industrial Asphalt facility at 52 El Charro Road in Pleasanton, California (Plate 1).

Water extracted from the wells during purging is placed in 55-gallon drums and left onsite pending receipt chemical laboratory results. Approximately 50 gallons of water are purged from each well prior to sampling. All water samples are tested by a State-certified laboratory for target compounds including total petroleum hydrocarbons as diesel (TPH-D) and polychlorinated biphenyls (PCBs).

Following receipt of the analyses from the laboratory, decisions must be made as to the appropriate methods for disposal of the purge waters. If no TPH-D or PCBs are detected in water collected from a particular monitoring well, the stored purge waters from that well are disposed of at any convinient location. If TPH-D only is detected in the monitoring well sample, then the stored purge water from that well is recycled in the manufacturing process by Industrial Asphalt. However, if PCBs are detected in the sample from the monitoring well, then an alternative disposal option must be implemented.

The most recent test results indicate relatively low concentrations of dissolved hydrocarbons and PCBs in one monitoring well (MW-8) and dissolved hydrocarbons in only one other well (MW-7). Table 1 summarizes monitoring parameters and Appendix A includes the chemical laboratory report. Since purge water from well MW-7 can be recycled in the manufacturing process by Industrial Asphalt, only purge water from monitoring well MW-8 needs to be disposed of. Assuming this condition continues, approximately 50 gallons per month of water slightly contaminated with TPH-D and PCBs must be correctly disposed of.

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During my telephone conversation with you on September 21, 1989, you indicated that the Dublin San Ramon Service District can accept water contaminated with PCBs in concentrations up to .01 mg/l (10 ug/l) and TPH-D up to 15 mg/l. Therefore, it is proposed that purge water from monitoring wells at Industrial Asphalt containing low concentrations of dissolved hydrocarbons and PCBs be discharged to the Dublin San Ramon Service District (DSRSD) sanitary sewer at the location selected by the DSRSD representative. Purge water would not be discharged to the sewer until the analytical results had been received and reviewed.

Attached is a questionnaire filled out to the extent necessary to help you in making a decision regarding the application approval (Appendix B).

In addition, we understand that it is necessary for you to meet with the plant manager and me onsite prior to approval of the application. Therefore, if you would like to arrange a meeting, or you have any questions regarding this letter and/or questionnaire, please call the undersigned.

Sincerely,

KLEINFELDER, INC.

Krzysztof (Krys) S. Jesionek
Project Engineer

cc: Dennis Hunt - Industrial Asphalt
Gil Wistar - Alameda County Department of Environmental Health

KSJ:jwh

KLEINFELDER 2121 N. California Blvd., Suite 570, Walnut Creek, CA 94596 (415) 938-5610

TABLE 1
MONITORING PARAMETERS (8/15/89)
INDUSTRIAL ASPHALT

Monitoring Well	Total Depth (feet)	Depth to Water (1) (feet)	Product Thickness (feet)	TPH as Diesel (mg/l)	TPH as Waste Oil (mg/l)	PCBs (ug/l)	BTXE (ug/l)
MW-1	88	DRY	NE	NT	NT	NT	NT
MW-2	90	DRY	NE	NT	NT	NT	NT
MW-3	90	DRY	NE	NT	NT	NT	NT
MW-4	95	90.68	NE	ND	ND	ND	NT
MW-5	110	98.93	NE	ND	ND	ND	NT
MW-7	109	94.28	NE	0.5	ND	ND	NT
MW-8	109	93.08	SHEEN	12	6	0.9	NT
MW-9	108	92.95	NE	ND	ND	ND	ND
MW-10	111	92.40	NE	ND	ND	ND	ND
MW-11	75	DRY	NE	NT	NT	NT	NT

NOTE:

(1)	Below top of casing
TP	Total Petroleum Hydrocarbons
PCBVs	Polychlorinated Biphenyls (Aroclor 1260)
BTXE	Benzene, Toluene, Xylenes, Ethylbenzene
NE	Not Encountered
NT	Not Tested
ND	Not Detected at or above laboratory detection limits.

APPENDIX A

working copy

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

KLEINFELDER, INC.
2121 N. CALIFORNIA BLVD.
SUITE 570
WALNUT CREEK, CA 94596

ATTN: KRYS JESIONEK

REPORT DATE: 09/12/89

DATE SAMPLED: 08/15/89

DATE RECEIVED: 08/16/89
DATE EXTRACTED: 08/24/89
DATE ANALYZED: 08/27/89

CLIENT ID: 10-1682-03

MED-TOX JOB NO: 8908127

ANALYSIS OF: TWO WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AND POLYCHLORINATED BIPHENYLS

METHOD: EPA 8015 (EXTRACTION)

Sample Identification Client Id.	Lab No.	Total Petroleum Hydrocarbons as Diesel (mg/L)	Total Petroleum Hydrocarbons as Waste Oil (mg/L)
43296MW5	01C	ND	ND
43293MW6	02C	ND	ND
Detection limit		0.3	0.5

ND = Not detected at or above indicated method detection limit

Linnea M. Nowak for M.L.
Michael Lynch, Manager
Organic Laboratory

Results FAXed to Krys Jesionek 09/01/89

KLEINFELDER, INC.

CLIENT ID: 43298MW5
CLIENT JOB NO: 10-1682-03

DATE SAMPLED: 08/15/89
DATE RECEIVED: 08/16/89

MED-TOX LAB NO: 8908127-01A
MED-TOX JOB NO: 8908127
DATE EXTRACTED: 08/21/89
DATE ANALYZED: 08/22/89
REPORT DATE: 09/12/89

EPA METHOD 608

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
Aroclor 1016	12674-11-2	ND	0.5
Aroclor 1221	11104-28-2	ND	0.5
Aroclor 1232	11141-16-5	ND	0.5
Aroclor 1242	53469-21-9	ND	0.5
Aroclor 1248	12672-29-6	ND	0.5
Aroclor 1254	11097-69-1	ND	0.5
Aroclor 1260	11096-82-5	ND	0.5

ND = Not detected at or above indicated method detection limit

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

KLEINFELDER, INC.

CLIENT ID: 43295MW6
CLIENT JOB NO: 10-1682-03

DATE SAMPLED: 08/15/89
DATE RECEIVED: 08/16/89

MED-TOX LAB NO: 8908127-02A
MED-TOX JOB NO: 8908127
DATE EXTRACTED: 08/21/89
DATE ANALYZED: 08/22/89
REPORT DATE: 09/12/89

EPA METHOD 608

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
Aroclor 1016	12674-11-2	ND	0.5
Aroclor 1221	11104-28-2	ND	0.5
Aroclor 1232	11141-16-5	ND	0.5
Aroclor 1242	53469-21-9	ND	0.5
Aroclor 1248	12672-29-6	ND	0.5
Aroclor 1254	11097-69-1	ND	0.5
Aroclor 1260	11096-82-5	ND	0.5

ND = Not detected at or above indicated method detection limit

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

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LABORATORY ANALYSIS REPORT

KLEINFELDER, INC.
2121 N. CALIFORNIA BLVD.
SUITE 570
WALNUT CREEK, CA 94596

ATTN: KRYS JESIONEK

REPORT DATE: 09/12/89

DATE SAMPLED: 08/17/89

DATE RECEIVED: 08/17/89
DATE EXTRACTED: 08/26/89
DATE ANALYZED: 08/30/89

CLIENT ID: 10-1682-03

MED-TOX JOB NO: 8908146

ANALYSIS OF: ONE WATER SAMPLE FOR TOTAL PETROLEUM HYDROCARBONS, BTXE, AND POLYCHLORINATED BIPHENYLS

METHOD: EPA 8015 (EXTRACTION)

Sample Identification Client Id.	Lab No.	Total Petroleum Hydrocarbons as Diesel (mg/L)	Total Petroleum Hydrocarbons as Waste Oil (mg/L)
43275MW10	01A	ND	ND
Detection limit		0.3	0.5

ND = Not detected at or above indicated method detection limit

Linsea M. Nowak for ML.
Michael Lynch, Manager
Organic Laboratory

Results FAXed to Krys Jesionek 09/01/89

KLEINFELDER, INC.

CLIENT ID: 43276MW-10
CLIENT JOB NO: 10-1682-03

DATE SAMPLED: 08/17/89
DATE RECEIVED: 08/17/89

MED-TOX LAB NO: 8908146-01C
MED-TOX JOB NO: 8908146
DATE EXTRACTED: 08/21/89
DATE ANALYZED: 08/22/89
REPORT DATE: 09/12/89

EPA METHOD 608

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
Aroclor 1016	12674-11-2	ND	0.5
Aroclor 1221	11104-28-2	ND	0.5
Aroclor 1232	11141-16-5	ND	0.5
Aroclor 1242	53469-21-9	ND	0.5
Aroclor 1248	12672-29-6	ND	0.5
Aroclor 1254	11097-69-1	ND	0.5
Aroclor 1260	11096-82-5	ND	0.5

ND = Not detected at or above indicated method detection limit

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

KLEINFELDER, INC.

CLIENT ID: 43273MW-10
CLIENT JOB NO: 10-1682-03

MED-TOX LAB NO: 8908146-01E
MED-TOX JOB NO: 8908146

DATE SAMPLED: 08/17/89
DATE RECEIVED: 08/17/89

DATE ANALYZED: 08/26/89
REPORT DATE: 09/12/89

BTXE

METHOD: EPA 602

	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene.	ND	0.5
Xylenes	ND	2

ND = Not detected at or above indicated method detection limit

Working Copy

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

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LABORATORY ANALYSIS REPORT

KLEINFELDER, INC.
2121 N. CALIFORNIA BLVD.
SUITE 570
WALNUT CREEK, CA 94596

ATTN: KRYS JESIONEK

REPORT DATE: 09/12/89

DATE SAMPLED: 08/16/89

DATE RECEIVED: 08/16/89
DATE EXTRACTED: 08/24/89
DATE ANALYZED: 08/24/89

CLIENT ID: 10-1682-03

MED-TOX JOB NO: 8908135

ANALYSIS OF: THREE WATER SAMPLES FOR POLYCHLORINATED BIPHENYLS AND TOTAL PETROLEUM HYDROCARBONS; ONE WATER SAMPLE FOR POLYCHLORINATED BIPHENYLS, TOTAL PETROLEUM HYDROCARBONS AND BTXE

METHOD: EPA 8015 (EXTRACTION)

Sample Identification Client Id.	Lab No.	Total Petroleum Hydrocarbons as Diesel (mg/L)	Total Petroleum Hydrocarbons as Waste Oil (mg/L)
43283MW7	01C	0.5	ND
43286MW9	02C	ND	ND
43746MW4	03C	ND	ND
43278MW8	04C	12	6
Detection limit		0.3	0.5

ND = Not detected at or above indicated method detection limit

Linnea M. Nowak for M.L.
Michael Lynch, Manager
Organic Laboratory

Results FAXed to Krys Jesionek 09/01/89

KLEINFELDER, INC.

CLIENT ID: 43285MW7
CLIENT JOB NO: 10-1682-03

DATE SAMPLED: 08/16/89
DATE RECEIVED: 08/16/89

MED-TOX LAB NO: 8908135-01A
MED-TOX JOB NO: 8908135
DATE EXTRACTED: 08/24/89
DATE ANALYZED: 08/25/89
REPORT DATE: 09/12/89

EPA METHOD 608

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
Aroclor 1016	12674-11-2	ND	0.5
Aroclor 1221	11104-28-2	ND	0.5
Aroclor 1232	11141-16-5	ND	0.5
Aroclor 1242	53469-21-9	ND	0.5
Aroclor 1248	12672-29-6	ND	0.5
Aroclor 1254	11097-69-1	ND	0.5
Aroclor 1260	11096-82-5	ND	0.5

ND = Not detected at or above indicated method detection limit

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

KLEINFELDER, INC.

CLIENT ID: 43288MW9
CLIENT JOB NO: 10-1682-03

DATE SAMPLED: 08/16/89
DATE RECEIVED: 08/16/89

MED-TOX LAB NO: 8908135-02A
MED-TOX JOB NO: 8908135
DATE EXTRACTED: 08/24/89
DATE ANALYZED: 08/25/89
REPORT DATE: 09/12/89

EPA METHOD 608

POLYCHLORINATED BIPHENYLS

AROCLOR		CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
Aroclor	1016	12674-11-2	ND	0.5
Aroclor	1221	11104-28-2	ND	0.5
Aroclor	1232	11141-16-5	ND	0.5
Aroclor	1242	53469-21-9	ND	0.5
Aroclor	1248	12672-29-6	ND	0.5
Aroclor	1254	11097-69-1	ND	0.5
Aroclor	1260	11096-82-5	ND	0.5

ND = Not detected at or above indicated method detection limit

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

KLEINFELDER, INC.

CLIENT ID: 43748MW4
CLIENT JOB NO: 10-1682-03

DATE SAMPLED: 08/16/89
DATE RECEIVED: 08/16/89

MED-TOX LAB NO: 8908135-03A
MED-TOX JOB NO: 8908135
DATE EXTRACTED: 08/24/89
DATE ANALYZED: 08/25/89
REPORT DATE: 09/12/89

EPA METHOD 608

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
Aroclor 1016	12674-11-2	ND	0.5
Aroclor 1221	11104-28-2	ND	0.5
Aroclor 1232	11141-16-5	ND	0.5
Aroclor 1242	53469-21-9	ND	0.5
Aroclor 1248	12672-29-6	ND	0.5
Aroclor 1254	11097-69-1	ND	0.5
Aroclor 1260	11096-82-5	ND	0.5

ND = Not detected at or above indicated method detection limit

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

KLEINFELDER, INC.

CLIENT ID: 43281MW8
CLIENT JOB NO: 10-1682-03

DATE SAMPLED: 08/16/89
DATE RECEIVED: 08/16/89

MED-TOX LAB NO: 8908135-04A
MED-TOX JOB NO: 8908135
DATE EXTRACTED: 08/24/89
DATE ANALYZED: 08/25/89
REPORT DATE: 09/12/89

EPA METHOD 608

POLYCHLORINATED BIPHENYLS

AROCLOR	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
Aroclor 1016	12674-11-2	ND	0.5
Aroclor 1221	11104-28-2	ND	0.5
Aroclor 1232	11141-16-5	ND	0.5
Aroclor 1242	53469-21-9	ND	0.5
Aroclor 1248	12672-29-6	ND	0.5
Aroclor 1254	11097-69-1	ND	0.5
Aroclor 1260	11096-82-5	0.9	0.5

ND = Not detected at or above indicated method detection limit

Analytical Method: EPA 8080, SW-846 3rd Edition, 1986

KLEINFELDER, INC.

CLIENT ID: 43291MW9
CLIENT JOB NO: 10-1682-03

MED-TOX LAB NO: 8908135-02E
MED-TOX JOB NO: 8908135

DATE SAMPLED: 08/16/89
DATE RECEIVED: 08/16/89

DATE ANALYZED: 08/26-28/89
REPORT DATE: 09/12/89

BTXE

METHOD: EPA 602

	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
Xylenes	ND	2

ND = Not detected at or above indicated method detection limit

APPENDIX B

DUBLIN SAN RAMON SERVICES DISTRICT
Pretreatment Questionnaire

GENERAL INFORMATION

1. Firm name INDUSTRIAL ASPHALT
2. Mailing address P.O. BOX 636 Zip Code 94566
3. Premise address 52 EL CHARRO ROAD Zip Code 94566
4. Name and title of signing official: DENNIS HUNT - PLANT MANAGER
5. Person to contact concerning information provided herein:
   Name & title KRYS JESIONEK, PROJECT ENGINEER Telephone 938-5610
6. Permits: List the environmental control permits held by this facility (under No. 1 above)

   NA

I have personally examined and I am familiar with the information submitted in this document and attachments. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

D. Hunt
Signature of Authorized Representative

J Kesioner
Signature of Qualified Professional

8/25/89
Date

PRODUCT OR SERVICE INFORMATION AND DESCRIPTION OF OPERATIONS

1. Principal product(s) or service(s): ASPHALT MANUFACTURE
2. Include a schematic process diagram indicating points of discharge to the sewerage system.

Individual Process Description	SIC Code	Average Production Daily
NA		

1. Are major processes batch or continuous? NA
   If batch, average number of batches per 24 hour day?
2. Is production seasonal? Yes NA No
   If seasonal, explain, indicating month(s) of peak operation and products:

   NA
3. Total number of employees NA Average number per shift
4. Hours of operation per day (typical): Mon. NA Tues. Wed.
   Thurs. Fri. Sat. Sun.
5. Do you have regularly scheduled shutdowns? NA When?
6. For SIC products, services and/or processes, indicate the following (attach separate listing, if necessary):

	Product, service and/or process	SIC code	Production per unit time
a.	NA		
b.			
c.			
d.			

WATER CONSUMPTION AND LOSS

1. Water account number(s) NA

2. Service type (building/irrigation): NA

3. Raw water source(s):
   Dublin San Ramon Services District NA East Bay Municipal Utility District ____ City of Pleasanton ____ Other (wells, etc.) ____

4. Water Usage (indicate gallons per day used in the past twelve months):

	Source	Average	Maximum
a.	NA		
b.			

5. Do you utilize raw water treatment (for example, water softening)? ____
   If yes, please describe: NA

6. Briefly describe any water recycling and/or materials-reclaiming process used:
   NA

7. Indicate estimated water consumption within plant:

	gallons per day		gallons per day
a. Cooling water	NA	d. Sanitary system	
b. Boiler feed		e. Contained in product	
c. Process water		f. Other (specify)	

8. Indicate average discharge or water loss to the following outlets:

	gallons per day		gallons per day
a. Public sanitary sewer	NA	e. Land application	
b. Surface water		f. Contained in product	
c. Waste hauler		g. Other (specify)	
d. Evaporation			

9. For each SIC category listed under Plant Operations above, indicate estimated average water use in gallons per day:

   a. SIC code NA: Use ____ c. SIC code ____: Use ____
   b. SIC code ____: Use ____ d. SIC code ____: Use ____

HAZARDOUS WASTE INFORMATION

1. Are you aware of requirements for your industry mandated by the Resource Conservation and Recovery Act (RCRA)? ____ Yes ____ No
   EPA Hazardous Waste Permit # NA

2. Describe types and quantities of wastes generated:
   NA

3. Do you have a spill prevention control and countermeasure plan in effect?
Yes _____ No _____ Explain _____
NA

SEWER CONNECTION AND WATER DISCHARGE

1. Please indicate the number of sewer connections: _____. Indicate flow and characteristics below (attach separate list if necessary):

Connection	Flow (gallons per day)	Characteristics (continuous, intermittent)
No. 1	NA	
No. 2		
No. 3		

2. Priority pollutants (refer to Table 1): Please indicate by placing an "X" in the appropriate box by each listed chemical shown in Table 1 whether it is "Suspected to be Absent", "Known to be Absent", "Suspected to be Present", or "Known to be Present" in your manufacturing or service activity or generated as a byproduct.

3. Potentially interfering pollutants (refer to Table 2): Please indicate by placing an "X" in the appropriate box by each discharge category shown in Table 2 whether it is "Suspected to be Absent", "Known to be Absent", Suspected to be Present", or "Known to be Present" in your manufacturing or service activity or generated as a byproduct.

4. Pollutant quantities: For those pollutants identified in Table 1 as "Known to be Present", please list below and provide the information indicated (attach separate listing if necessary).

Item No.	Chemical compound	Annual Usage (pounds)	Estimated loss to Sewer (pounds per year)
a.	NA		
b.			
c.			
d.			

5. Is a recent wastewater constituent analysis available? Yes NA No _____
Please attach a copy if convenient to do so.

EXISTING PRETREATMENT

1. Are you subject to an existing federal pretreatment standard? Yes NA No ____
If yes, are pretreatment standards being consistently met? Yes ____ No ____

2. Are additional pretreatment facilities and/or operation and maintenance required to meet pretreatment standards? Yes _____ No _____.
If yes, describe the schedule by which they will be provided. _____
NA

3. Describe any existing pretreatment facilities and pollutants treated (attach diagram)
NA

4. Do you presently have waste holding facilities? Yes _____ No _____
If yes, describe capacity, pollutants (wastes) released and cleaning frequency:
NA

Table 1. Identification of Priority Pollutants

Item number	Chemical compound	Suspected absent	Known absent	Suspected present	Known present
1.	Asbestos (fibrous)	✓			
2.	Cyanide (total)	✓			
3.	Antimony (total)	✓			
4.	Arsenic (total)	✓			
5.	Beryllium (total)	✓			
6.	Cadmium (total)	✓			
7.	Chromium (total)	✓			
8.	Copper (total)	✓			
9.	Lead (total)	✓			
10.	Mercury (total)	✓			
11.	Nickel (total)	✓			
12.	Selenium (total)	✓			
13.	Silver (total)	✓			
14.	Thallium (total)	✓			
15.	Zinc (total)	✓			
16.	Acenaphthene	✓			
17.	Acenaphthylene	✓			
18.	Acrolein	✓			
19.	Acrylonitrile	✓			
20.	Aldrin	✓			
21.	Anthracene	✓			
22.	Benzene	✓			
23.	Benzidine	✓			
24.	Benzo(a)anthracene	✓			
25.	Benzo(a)pyrene	✓			
26.	Benzo(b)fluoranthene	✓			
27.	Benzo (g,h,i)perylene	✓			
28.	Benzo(k)fluoranthene	✓			
29.	a-BHC (alpha)	✓			
30.	b-BHC (beta)	✓			
31.	d-BHC (delta)	✓			
32.	g-BHC (gamma)	✓			
33.	bis(2-chloroethyl)ether	✓			
34.	bis(2-chloroethoxy)methane	✓			
35.	bis(2-chloroisopropyl)ether	✓			
36.	bis(chloromethyl)ether	✓			
37.	bis(2-ethylhexyl)phthalate	✓			
38.	Bromodichloromethane	✓			
39.	Bromoform	✓			
40.	Bromomethane	✓			
41.	4-bromophenylphenyl ether	✓			
42.	Butylbenzyl phthalate	✓			
43.	Carbon tetrachloride	✓			
44.	Chlordane	✓			
45.	4-chloro-3-methylphenol	✓			
46.	Chlorobenzene	✓			
47.	Chloroethane	✓			
48.	2-chloroethylvinyl ether	✓			
49.	Chloroform	✓			
50.	Chloromethane	✓			
51.	2-chloronaphthalene	✓			
52.	2-chlorophenol	✓			
53.	4-chlorophenylphenyl ether	✓			
54.	Chrysene	✓			
55.	4,4'-DDD	✓			
56.	4,4'-DDE	✓			
57.	4,4'-DDT	✓			
58.	Dibenzo(a,h)anthracene	✓			
59.	Dibromochloromethane	✓			
60.	1,2-dichlorobenzene	✓			
61.	1,3-dichlorobenzene	✓			

Continued on following page

Table 1. Identification of Priority Pollutants (continued)

Item number	Chemical compound	Suspected absent	Known absent	Suspected present	Known present
62.	1,4-dichlorobenzene	✓			
63.	3,3'-dichlorobenzidine	✓			
64.	dichlorodifluoromethane	✓			
65.	1,1-dichloroethane	✓			
66.	1,2-dichloroethane	✓			
67.	1,1-dichloroethene	✓			
68.	Trans-1,2-dichloroethene	✓			
69.	2,4-dichlorophenol	✓			
70.	1,2-dichloropropane	✓			
71.	(cis & trans)1,3-dichloropropene	✓			
72.	Dieldrin	✓			
73.	Diethyl phthalate	✓			
74.	2,4-dimethylphenol	✓			
75.	Dimethyl phthalate	✓			
76.	Di-n-butyl phthalate	✓			
77.	Di-n-octyl phthalate	✓			
78.	4,6-dinitro-2-methylphenol	✓			
79.	2,4-dinitrophenol	✓			
80.	2,4-dinitrotoluene	✓			
81.	2,6-dinitrotoluene	✓			
82.	1,2-diphenylhydrazine	✓			
83.	Endosulfan I	✓			
84.	Endosulfan II	✓			
85.	Endosulfan sulfate	✓			
86.	Endrin	✓			
87.	Endrin aldehyde	✓			
88.	Ethylbenzene	✓			
89.	Fluoranthene	✓			
90.	Fluorene	✓			
91.	Heptachlor	✓			
92.	Heptachlor epoxide	✓			
93.	Hexachlorobenzene	✓			
94.	Hexachlorobutadiene	✓			
95.	Hexachlorocyclopentadiene	✓			
96.	Hexachloroethane	✓			
97.	Indeno(1,2,3-cd)pyrene	✓			
98.	Isophorone	✓			
99.	Methylene chloride	✓			
100.	Naphthalene	✓			
101.	Nitrobenzene	✓			
102.	2-nitrophenol	✓			
103.	4-nitrophenol	✓			
104.	n-nitrosodimethylamine	✓			
105.	n-nitrosodipropylamine	✓			
106.	n-nitrosodiphenylamine	✓			
107.	PCB-1016		✓		
108.	PCB-1221		✓		
109.	PCB-1232		✓		
110.	PCB-1242		✓		
111.	PCB-1248		✓		
112.	PCB-1254		✓		
113.	PCB-1260				✓
114.	Pentachlorophenol	✓			
115.	Phenanthrene	✓			
116.	Phenol	✓			
117.	Pyrene	✓			
118.	2,3,7,8-tetrachlorodibenzo-p-dioxin	✓			
119.	1,1,2,2-tetrachloroethane	✓			
120.	Tetrachloroethene	✓			
121.	Toluene	✓			
122.	Toxaphene	✓			
123.	1,2,4-trichlorobenzene	✓			

Continued on following page

Table 1. Identification of Priority Pollutants (continued)

Item number	Chemical compound	Suspected absent	Known absent	Suspected present	Known present
124.	1,1,1-trichloroethane	✓			
125.	1,1,2-trichloroethane	✓			
126.	Trichloroethene	✓			
127.	Trichlorofluoromethane	✓			
128.	2,4,6-trichlorophenol	✓			
129.	Vinyl chloride	✓			

Table 2. Identification of Potentially Interfering Pollutants

Pollutant category	Suspected absent	Known absent	Suspected present	Known present
Pollutants that may create a fire or explosion hazard.				DIESEL OIL
Corrosive materials. Wastes with pH less than 6.5 or greater than 8.5.	✓			
Solid or viscous pollutants	✓			
Any known pollutant such as BOD_5, COD, suspended-solids, oil and grease, etc., released in high volume or high strength.	✓			
Heated wastes with temperature in excess of 150 degrees F.	✓			
Waters or wastes with total dissolved solids greater than 1,000 milligrams per liter.	✓			
Radioactive materials	✓			