Please print or type in the unshaded areas only
(fill-in areas are spaced for elite type, i.e., 12 characters/inch).

Form Approved. OMB No. 2040-0086.

FORM 1 GENERAL

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY

GENERAL INFORMATION

Consolidated Permits Program
(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

F AKG285013 D

LABEL ITEMS

I. EPA I.D. NUMBER
III. FACILITY NAME
V. FACILITY MAILING ADDRESS
VI. FACILITY LOCATION

PLEASE PLACE LABEL IN THIS SPACE

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent *(the area to the left of the label space lists the information that should appear)*, please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI *(except VI-B which must be completed regardless)*. Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold-faced terms**.

SPECIFIC QUESTIONS	MARK 'X' YES	NO	FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a discharge to **waters of the U.S.**? (FORM 2A)		X	
C. Is this a facility which currently results in **discharges to waters of the U.S.** other than those described in A or B above? (FORM 2C)	X		
E. Does or will this facility treat, store, or dispose of **hazardous wastes**? (FORM 3)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)	X		
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

SPECIFIC QUESTIONS	MARK 'X' YES	NO	FORM ATTACHED
B. Does or will this facility *(either existing or proposed)* include a **concentrated animal feeding operation** or **aquatic animal production facility** which results in a discharge to **waters of the U.S.**? (FORM 2B)		X	
D. Is this a proposed facility *(other than those described in A or B above)* which will result in a **discharge to waters of the U.S.**? (FORM 2D)		X	
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may effect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

1 SKIP PLATFORM C

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*: 2 AGEE DOUG ENV. ENGINEER

B. PHONE *(area code & no.)*: 817 885 2285

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX: 3 810 HOUSTON ST.

B. CITY OR TOWN: 4 FORT WORTH

C. STATE: TX

D. ZIP CODE: 76102

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER: 5 COOK INLET

B. COUNTY NAME:

C. CITY OR TOWN: 6

D. STATE: AK

E. ZIP CODE:

F. COUNTY CODE *(if known)*:

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APR 30 2004
ANCHORAGE-AOGCC

CONTINUE ON REVERSE

PLATFORM C

Please print or type in the unshaded areas only.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)* AKG 285013

Form Approved.
OMB No. 2040-0086.
Approval expires 8-31-98.

FORM 2C NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS
Consolidated Permits Program

I. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER *(list)*	B. LATITUDE 1. DEG.	2. MIN.	3. SEC.	C. LONGITUDE 1. DEG.	2. MIN.	3. SEC.	D. RECEIVING WATER *(name)*
015	60	47	44.8	151	29	44	Cook Inlet

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined *(e.g., for certain mining activities)*, provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUT-FALL NO *(list)*	2. OPERATION(S) CONTRIBUTING FLOW a. OPERATION *(list)*	b. AVERAGE FLOW *(include units)*	3. TREATMENT a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
	Produced Water	378,000	Ocean Discharge	4	B
015		Gallons/Day	Flotation	1	H

OFFICIAL USE ONLY *(effluent guidelines sub-categories)*

EPA_COOK_INKPR_001706

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ YES *(identify the test(s) and describe their purposes below)* ☒ NO *(go to Section VIII)*

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

☐ YES *(list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)* ☒ NO *(go to Section IX)*

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
SGS	200 W. Potter Drive Anchorage, AK 99518	907-562-2340	Xylene

IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME & OFFICIAL TITLE *(type or print)*	B. PHONE NO. *(area code & no.)*
Kyle Hammond, Vice President - Operations	915-682-8873
C. SIGNATURE	D. DATE SIGNED

(8-90) PAGE 1 OF 4 CONTINUE ON REVERSE EPA Form 3510-2C

EPA_COOK_INKPR_001707

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: AKG 285013

OUTFALL NO.: 015

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS *(specify if blank)* a. CONCENTRATION	b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	224						1	mg/l				
b. Chemical Oxygen Demand *(COD)*	2980						1	mg/l				
c. Total Organic Carbon *(TOC)*	31.2						1	mg/l				
d. Total Suspended Solids *(TSS)*	3.6						1	mg/l				
e. Ammonia *(as N)*												
f. Flow	VALUE		VALUE		VALUE					VALUE		
g. Temperature *(winter)*	VALUE		VALUE 5		VALUE			°C		VALUE		
h. Temperature *(summer)*	VALUE		VALUE 15		VALUE			°C		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM 6.8	MAXIMUM 7.4				STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite *(as N)*		X												

CONTINUE ON REVERSE

EPA_COOK_INKPR_001708

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (If available)	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (If available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (If available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		1.79						1	mg/l				
h. Oil and Grease	X		5.63 U						1	mg/l				
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total	X		54						1	pCi/l				
(2) Beta, Total	X		130						1	pCi/l				
(3) Radium, Total	X		Test results have not been received. Expect results to be lower than intake water.											
(4) Radium 226, Total	X		Test results have not been received. Expect results to be lower than intake water.											
k. Sulfate (as SO_4) (14808-79-8)		X												
l. Sulfide (as S)	X		16						1	mg/l				
m. Sulfite (as SO_3) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)		X												
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)	X		5800						1	ug/l				
t. Magnesium, Total (7439-95-4)	X		502000						1	ug/l				
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)	X		590						1	ug/l				
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

 CONTINUE ON PAGE V-3

EPA_COOK_INKPR_001709

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
AKG 285003	015

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)		X		40 U						1	ug/l				
2M. Arsenic, Total (7440-38-2)	X							176		1	ug/l				
3M. Beryllium, Total, 7440-41-7)		X		16 U						1	ug/l				
4M. Cadmium, Total (7440-43-9)	X							<1.0		1	ug/l				
5M. Chromium, Total (7440-47-3)		X		40 U						1	ug/l				
6M. Copper, Total (7440-50-8)	X							5.7		1	ug/l				
7M. Lead, Total (7439-92-1)	X							<1.5		1	ug/l				
8M. Mercury, Total (7439-97-6)	X							<0.2		1	ug/l				
9M. Nickel, Total (7440-02-0)		X		80 U						1	ug/l				
10M. Selenium, Total (7782-49-2)		X		297						1	ug/l				
11M. Silver, Total (7440-22-4)	X							<1.0		1	ug/l				
12M. Thallium, Total (7440-28-0)		X		40 U						1	ug/l				
13M. Zinc, Total (7440-66-6)		X		80 U						1	ug/l				
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total		X		3.07						1	mg/l				
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

EPA_COOK_INKPR_001710

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)	X							8.2		1	mg/l				
4V. Bis (Chloromethyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)			X												
7V. Chlorobenzene (108-90-7)			X												
8V. Chlorodibromomethane (124-48-1)			X												
9V. Chloroethane (75-00-3)			X												
10V. 2-Chloroethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichlorobromomethane (75-27-4)			X												
13V. Dichlorodifluoromethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X												
15V. 1,2-Dichloroethane (107-06-2)			X												
16V. 1,1-Dichloroethylene (75-35-4)			X												
17V. 1,2-Dichloropropane (78-87-5)			X												
18V. 1,3-Dichloropropylene (542-75-6)			X												
19V. Ethylbenzene (100-41-4)	X							0.48		1	mg/l				
20V. Methyl Bromide (74-83-9)			X												
21V. Methyl Chloride (74-87-3)			X												

CONTINUE ON PAGE V-5

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CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (If available)		c. LONG TERM AVRG. VALUE (If available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)			X												
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X												
24V. Tetrachloroethylene (127-18-4)			X												
25V. Toluene (108-88-3)	X							4.7		1	mg/l				
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X												
27V. 1,1,1-Trichloroethane (71-55-6)			X												
28V. 1,1,2-Trichloroethane (79-00-5)			X												
29V. Trichloroethylene (79-01-6)			X												
30V. Trichlorofluoromethane (75-69-4)			X												
31V. Vinyl Chloride (75-01-4)			X												
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X												
2A. 2,4-Dichlorophenol (120-83-2)			X												
3A. 2,4-Dimethylphenol (105-67-9)			X												
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitrophenol (51-28-5)			X												
6A. 2-Nitrophenol (88-75-5)			X												
7A. 4-Nitrophenol (100-02-7)			X												
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachlorophenol (87-86-5)			X												
10A. Phenol (108-95-2)			X												
11A. 2,4,6-Trichlorophenol (88-06-2)			X												

CONTINUE ON REVERSE

EPA_COOK_INKPR_001712

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X												
2B. Acenaphtylene (208-96-8)			X												
3B. Anthracene (120-12-7)		X						7.9		1	mg/l				
4B. Benzidine (92-87-5)			X												
5B. Benzo *(a)* Anthracene (56-55-3)			X												
6B. Benzo *(a)* Pyrene (50-32-8)			X												
7B. 3,4-Benzo-fluoranthene (205-99-2)			X												
8B. Benzo *(ghi)* Perylene (191-24-2)			X												
9B. Benzo *(k)* Fluoranthene (207-08-9)			X												
10B. Bis *(2-Chloro-ethoxy)* Methane (111-91-1)			X												
11B. Bis *(2-Chloro-ethyl)* Ether (111-44-4)			X												
12B. Bis *(2-Chloroiso-propyl)* Ether (102-80-1)			X												
13B. Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)			X												
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)			X												
15B. Butyl Benzyl Phthalate (85-68-7)			X												
16B. 2-Chloro-naphthalene (91-58-7)			X												
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X												
18B. Chrysene (218-01-9)			X												
19B. Dibenzo *(a,h)* Anthracene (53-70-3)			X												
20B. 1,2-Dichloro-benzene (95-50-1)			X												
21B. 1,3-Dichloro-benzene (541-73-1)			X												

CONTINUE ON PAGE V-7

EPA_COOK_INKPR_001713

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X												
23B. 3,3'-Dichlorobenzidine (91-94-1)			X												
24B. Diethyl Phthalate (84-66-2)			X												
25B. Dimethyl Phthalate (131-11-3)			X												
26B. Di-N-Butyl Phthalate (84-74-2)			X												
27B. 2,4-Dinitrotoluene (121-14-2)			X												
28B. 2,6-Dinitrotoluene (606-20-2)			X												
29B. Di-N-Octyl Phthalate (117-84-0)			X												
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X												
31B. Fluoranthene (206-44-0)			X												
32B. Fluorene (86-73-7)		X						39		1	ug/l				
33B. Hexachlorobenzene (118-74-1)			X												
34B. Hexachlorobutadiene (87-68-3)			X												
35B. Hexachlorocyclopentadiene (77-47-4)			X												
36B. Hexachloroethane (67-72-1)			X												
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X												
38B. Isophorone (78-59-1)			X												
39B. Naphthalene (91-20-3)		X						0.45		1	mg/l				
40B. Nitrobenzene (98-95-3)			X												
41B. N-Nitrosodimethylamine (62-75-9)			X												
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X												

CONTINUE ON REVERSE

EPA_COOK_INKPR_001714

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (If available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (If available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)			X												
44B. Phenanthrene (85-01-8)		X						12		1	ug/l				
45B. Pyrene (129-00-0)			X												
46B. 1,2,4-Trichlorobenzene (120-82-1)			X												
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. γ-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												
15P. Endrin Aldehyde (7421-93-4)			X												
16P. Heptachlor (76-44-8)			X												

CONTINUE ON PAGE V-9

EPA_COOK_INKPR_001715

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
AKG 285003	015

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

EPA_COOK_INKPR_001716

SGS

SGS Ref.#	1035165001	All Dates/Times are Alaska Standard Time	
Client Name	XTO Energy, Inc.	Printed Date/Time	08/25/2003 13:13
Project Name/#	Outfall Line Bulk Head	Collected Date/Time	08/15/2003 14:30
Client Sample ID	Outfall Line	Received Date/Time	08/18/2003 9:20
Matrix	Water (Surface, Eff., Ground)	Technical Director	Stephen C. Ede
		Released By	

Sample Remarks:

Parameter	Qualifiers	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Waters Department										
Oil & Grease HEM		5.63 U	5.63	mg/L	EPA 1664A	A		08/21/03	08/21/03	JMP

SGS

SGS Ref.#	1035193006
Client Name	XTO Energy, Inc.
Project Name/#	Platform/Onshore
Client Sample ID	Produced Water (O/S)
Matrix	Water (Surface, Eff., Ground)

All Dates/Times are Alaska Standard Time

Printed Date/Time	09/02/2003 11:15
Collected Date/Time	08/18/2003 9:00
Received Date/Time	08/19/2003 8:45
Technical Director	Stephen C. Ede
Released By	

Sample Remarks:

Parameter	Qualifiers	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department										
Benzene		10.4	0.0500	mg/L	BTX SW8021B	A		08/29/03	08/29/03	MML
Toluene		4.32	0.200	mg/L	BTX SW8021B	A		08/29/03	08/29/03	MML
Ethylbenzene		0.427	0.200	mg/L	BTX SW8021B	A		08/29/03	08/29/03	MML
P & M -Xylene		1.05	0.200	mg/L	BTX SW8021B	A		08/29/03	08/29/03	MML
o-Xylene		0.624	0.200	mg/L	BTX SW8021B	A		08/29/03	08/29/03	MML
Surrogates										
1,4-Difluorobenzene <surr>		105		%	BTX SW8021B	A	73-124	08/29/03	08/29/03	MMI

SGS

SGS Ref.#	1034510001	All Dates/Times are Alaska Standard Time	
Client Name	XTO Energy, Inc.	Printed Date/Time	08/27/2003 11:56
Project Name/#	Produced Water O/S	Collected Date/Time	07/21/2003 18:00
Client Sample ID	Produced Water O/S	Received Date/Time	07/22/2003 18:30
Matrix	Water (Surface, Eff., Ground)	Technical Director	Stephen C. Ede
		Released By	

Sample Remarks:

Gross Alpha/Beta by EPA 900.0 was analyzed by Montgomery Watson Harza of Monrovia, CA.
405.1 - BOD laboratory control sample (145 mg/L) is lower than method limit of 167.5 mg/L. Sample value may be biased low. Sample is seawater.

Parameter	Qualifiers	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Cyanide		0.0050 U	0.0050	mg/L	SM20 4500CN-C,E	B		07/31/03	08/01/03	PLW
Chemical Oxygen Demand		2980	80.0	mg/L	EPA 410.4	C			07/28/03	KC
Solids										
Total Suspended Solids		3.60	0.800	mg/L	EPA 160.2	G			07/24/03	JYC
Metals by ICP/MS										
Antimony		40.0 U	40.0	ug/L	EP200.8	E		07/24/03	08/17/03	WAW
Beryllium		16.0 U	16.0	ug/L	EP200.8	E		07/24/03	08/17/03	WAW
Chromium		40.0 U	40.0	ug/L	EP200.8	E		07/24/03	08/17/03	WAW
Iron		5800	4000	ug/L	EP200.8	E		07/24/03	08/17/03	WAW
Magnesium		502000	2000	ug/L	EP200.8	E		07/24/03	08/17/03	WAW
Manganese		590	40.0	ug/L	EP200.8	E		07/24/03	08/17/03	WAW
Nickel		80.0 U	80.0	ug/L	EP200.8	E		07/24/03	08/17/03	WAW
Selenium		297	200	ug/L	EP200.8	E		07/24/03	08/17/03	WAW
Thallium		40.0 U	40.0	ug/L	EP200.8	E		07/24/03	08/17/03	WAW
Zinc		80.0 U	80.0	ug/L	EP200.8	E		07/24/03	08/17/03	WAW
Waters Department										
Ammonia-N		1.79	0.100	mg/L	4500-NH3 F	C		07/25/03	07/29/03	JYC
Biochemical Oxygen Demand		224	2.00	mg/L	EPA 405.1	F			07/23/03	KAP
Phenols, Total		3.07	0.500	mg/L	EPA 420.1	C		07/23/03	07/30/03	KC
Sulfide		16.0	0.100	mg/L	EPA 376.2	D			07/25/03	KC
Total Organic Carbon		131	5.00	mg/L	EPA 415.1	A			07/31/03	JJB

MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Commercial Testing & Engineering Co
200 W. Potter Drive

Anchorage , AK 99518

Attention: Rhonda Strucher
Fax: (907) 561-5301

DATE OF ISSUE
AUG 1 8 2003
MWH LABORATORIES

DPR Dennis Reyes
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac
01114CA

Report#: 112758
DRINKING

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are QC Report,QC Summary,Data Report,Hits Report, totaling 4 page[s].

MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report
#112758

Commercial Testing & Engineering Co
Rhonda Strucher
200 W. Potter Drive
Anchorage , AK 99518

Samples Received
25-jul-2003 17:08:40

Analyzed	Sample#	Sample ID	Result	UNITS	MRL
	2307250099	1034510001 PRODUCED WATER O/S			
08/11/03		Alpha, Gross	54	pCi/l	30.700
08/11/03		Alpha, Min Detectable Activity	30.7	pCi/l	
08/11/03		Alpha, Two Sigma Error	33	pCi/l	
08/11/03		Beta, Gross	130	pCi/l	23.800
08/11/03		Beta, Min Detectable Activity	23.8	pCi/l	
08/11/03		Beta, Two Sigma Error	27	pCi/l	

SUMMARY OF POSITIVE DATA ONLY.

Detailed Analytical Report

Analytica Alaska Inc.
Workorder (SDG): A0304019

Project: Onshore Facility
Client: XTO Energy, Inc.
Client Project Number: XTO

Report Section: Client Sample Report

Client Sample Name: Produced Water
Lab Sample Number: A0304019-01B
Matrix: Aqueous
Analytical Method ID: EPA 610-Polynuclear Aromatic Hydrocarbon - (PAH)
Prep Method ID: 3510
Prep Batch Number: A030408002
RR #: 1
Initial prep wt/vol: 980 ml

Collection Date: 4/1/2003
Prep Date: 4/8/2003
Analysis Date: 4/9/2003 8:48:00PM
Instrument: Roo
File Name: R3040961.D
Dilution Factor: 5
Prep Extract Volume: 1.00 ml

Analyte	CASNo	Result	Flags	Units	PQL	MDL	Spike	% Recov	LCL	UCL
Analyte Results:										
Acenaphthene	83-32-9	ND		ug/L	5.1	0.48				
Acenaphthylene	208-96-8	ND		ug/L	5.1	0.39				
Benzo(a)anthracene	56-55-3	ND		ug/L	5.1	0.55				
Benzo(a)pyrene	50-32-8	ND		ug/L	5.1	0.71				
Benzo(b)fluoranthene	205-99-2	ND		ug/L	5.1	0.33				
Benzo(g,h,i)perylene	191-24-2	ND		ug/L	5.1	0.90				
Benzo(k)fluoranthene	207-08-9	ND		ug/L	5.1	0.39				
Chrysene	218-01-9	ND		ug/L	5.1	0.81				
Fluoranthene	206-44-0	ND		ug/L	5.1	0.44				
Indeno(1,2,3-cd)pyrene	193-39-5	ND		ug/L	5.1	0.84				
Pyrene	129-00-0	ND		ug/L	5.1	0.66				
Anthracene	120-12-7	7.9		ug/L	5.1	0.47				
Dibenzo(a,h)anthracene	53-70-3	ND		ug/L	5.1	1.5				
Naphthalene	91-20-3	450		ug/L	5.1	0.74				
Fluorene	86-73-7	39		ug/L	5.1	0.66				
Phenanthrene	85-01-8	12		ug/L	5.1	1.7				
Surrogate Results:										
o-Terphenyl	84-15-1	48		ug/L	5.1	0.51	51	94.1	55	125
Squalane	111-01-3	55		ug/L	5.1	0.51	51	107.3	59	130

EPA_COOK_INKPR_001722

Detailed Analytical Report

Analytica Alaska Inc.
Workorder (SDG): A0304019

Project: Onshore Facility
Client: XTO Energy, Inc.
Client Project Number: XTO

Report Section: Client Sample Report

Client Sample Name: Produced Water
Lab Sample Number: A0304019-01A
Matrix: Aqueous
Analytical Method ID: VOC by EPA 602 - BTEX & Chlorobenzenes
Prep Method ID: 5030
Prep Batch Number: A030404001
RR #: 1
Initial prep wt/vol: 5.000 ml

Collection Date: 4/1/2003
Prep Date: 4/4/2003
Analysis Date: 4/4/2003 4:33:00PM
Instrument: Natasha
File Name: N3040419.D
Dilution Factor: 100
Prep Extract Volume: 5.00 ml

Analyte	CASNo	Result	Flags	Units	PQL	MDL	Spike	% Recov	LCL	UCL
Analyte Results:										
1,3-Dichlorobenzene	541-73-1	ND		ug/L	100	23				
1,4-Dichlorobenzene	106-46-7	ND		ug/L	100	28				
1,2-Dichlorobenzene	95-50-1	ND		ug/L	100	27				
Benzene	71-43-2	8,200		ug/L	100	15				
Toluene	108-88-3	4,700		ug/L	100	24				
Chlorobenzene	108-90-7	ND		ug/L	100	17				
Ethylbenzene	100-41-4	480		ug/L	100	18				
Xylenes, Total	1330-20-7	2,000		ug/L	300	63				
Surrogate Results:										
Bromofluorobenzene(PID)	1072-85-1	9,300		ug/L	100	10	10,000	92.8	50	150
Difluorobenzene(PID)	540-36-3	5,200		ug/L	100	10	5,000	103.7	50	150

EPA_COOK_INKPR_001723

Detailed Analytical Report

Analytica Alaska Inc.
Workorder (SDG): A0304019

Project: Onshore Facility
Client: XTO Energy, Inc.
Client Project Number: XTO

Report Section: Client Sample Report

Client Sample Name: Trip Blank
Lab Sample Number: A0304019-02A
Matrix: Aqueous
Analytical Method ID: VOC by EPA 602 - BTEX & Chlorobenzenes
Prep Method ID: 5030
Prep Batch Number: A030404001
RR #: 1
Initial prep wt/vol: 5.000 ml

Collection Date: 4/1/2003
Prep Date: 4/4/2003
Analysis Date: 4/4/2003 5:03:00PM
Instrument: Natasha
File Name: N3040420.D
Dilution Factor: 1
Prep Extract Volume: 5.00 ml

Analyte	CASNo	Result	Flags	Units	PQL	MDL	Spike	% Recov	LCL	UCL
Analyte Results:										
1,3-Dichlorobenzene	541-73-1	ND		ug/L	1.0	0.23				
1,4-Dichlorobenzene	106-46-7	ND		ug/L	1.0	0.28				
1,2-Dichlorobenzene	95-50-1	ND		ug/L	1.0	0.27				
Benzene	71-43-2	ND		ug/L	1.0	0.15				
Toluene	108-88-3	ND		ug/L	1.0	0.24				
Chlorobenzene	108-90-7	ND		ug/L	1.0	0.17				
Ethylbenzene	100-41-4	ND		ug/L	1.0	0.18				
Xylenes, Total	1330-20-7	ND		ug/L	3.0	0.63				
Surrogate Results:										
Bromofluorobenzene(PID)	1072-85-1	91		ug/L	1.0	0.10	100	90.7	50	150
Difluorobenzene(PID)	540-36-3	48		ug/L	1.0	0.10	50	95.5	50	150

Detailed Analytical Report

Analytica Alaska Inc.
Workorder (SDG): A0304019

Project: Onshore Facility
Client: XTO Energy, Inc.
Client Project Number: XTO

Report Section: Method Blank Report

Client Sample Name: MB
Lab Sample Number: A030408002-MB
Matrix: Aqueous
Analytical Method ID: EPA 610-Polynuclear Aromatic Hydrocarbon - (PAH)
Prep Method ID: 3510
Prep Batch Number: A030408002
RR #: 1
Initial prep wt/vol: 1,000 ml

Collection Date: 4/8/2003
Prep Date: 4/8/2003
Analysis Date: 4/9/2003 7:08:00PM
Instrument: Roo
File Name: R3040958.D
Dilution Factor: 1
Prep Extract Volume: 1.00 ml

Analyte	CASNo	Result	Flags	Units	PQL	MDL	Spike	% Recov	LCL	UCL
Analyte Results:										
Acenaphthene	83-32-9	ND		ug/L	1.0	0.094				
Acenaphthylene	208-96-8	ND		ug/L	1.0	0.076				
Anthracene	120-12-7	ND		ug/L	1.0	0.092				
Benzo(a)anthracene	56-55-3	ND		ug/L	1.0	0.11				
Benzo(a)pyrene	50-32-8	ND		ug/L	1.0	0.14				
Benzo(b)fluoranthene	205-99-2	ND		ug/L	1.0	0.065				
Benzo(g,h,i)perylene	191-24-2	ND		ug/L	1.0	0.18				
Chrysene	218-01-9	ND		ug/L	1.0	0.16				
Fluoranthene	206-44-0	ND		ug/L	1.0	0.086				
Indeno(1,2,3-cd)pyrene	193-39-5	ND		ug/L	1.0	0.17				
Phenanthrene	85-01-8	ND		ug/L	1.0	0.34				
Pyrene	129-00-0	ND		ug/L	1.0	0.13				
Benzo(k)fluoranthene	207-08-9	ND		ug/L	1.0	0.077				
Dibenzo(a,h)anthracene	53-70-3	ND		ug/L	1.0	0.29				
Naphthalene	91-20-3	ND		ug/L	1.0	0.15				
Fluorene	86-73-7	ND		ug/L	1.0	0.13				
Surrogate Results:										
o-Terphenyl	84-15-1	49		ug/L	1.0	0.10	50	97.5	55	125
Squalane	111-01-3	52		ug/L	1.0	0.10	50	103.3	59	130

Detailed Analytical Report

Analytica Alaska Inc.
Workorder (SDG): A0304019

Project: Onshore Facility
Client: XTO Energy, Inc.
Client Project Number: XTO

Report Section: Method Blank Report

Client Sample Name: MB
Lab Sample Number: A030404001-MB
Matrix: Aqueous
Analytical Method ID: VOC by EPA 602 - BTEX & Chlorobenzenes
Prep Method ID: 5030
Prep Batch Number: A030404001
RR #: 1
Initial prep wt/vol: 5.000 ml

Collection Date: 4/4/2003
Prep Date: 4/4/2003
Analysis Date: 4/4/2003 2:07:00PM
Instrument: Natasha
File Name: N3040414.D
Dilution Factor: 1
Prep Extract Volume: 5.00 ml

Analyte	CASNo	Result	Flags	Units	PQL	MDL	Spike	% Recov	LCL	UCL
Analyte Results:										
1,3-Dichlorobenzene	541-73-1	ND		ug/L	1.0	0.23				
1,4-Dichlorobenzene	106-46-7	ND		ug/L	1.0	0.28				
1,2-Dichlorobenzene	95-50-1	ND		ug/L	1.0	0.27				
Benzene	71-43-2	ND		ug/L	1.0	0.15				
Toluene	108-88-3	ND		ug/L	1.0	0.24				
Chlorobenzene	108-90-7	ND		ug/L	1.0	0.17				
Ethylbenzene	100-41-4	ND		ug/L	1.0	0.18				
Xylenes, Total	1330-20-7	ND		ug/L	3.0	0.63				
Surrogate Results:										
Bromofluorobenzene(PID)	1072-85-1	91		ug/L	1.0	0.10	100	91.4	60	120
Difluorobenzene(PID)	540-36-3	47		ug/L	1.0	0.10	50	94.7	60	120