Exxon #43998 #10001

Reviewed file 8-15-01

_____ USGS MAP

_____ BASE MAP

_____ ORIENTATION OF UST

_____ LENGTH OF UST

_____ DIAMETER OF UST

_____ VOLUME OF UST

_____ MATERIAL STORED

_____ SAMPLE LOCATIONS

_____ DEPTH OF SAMPLE

_____ SIDE OR FLOOR SAMPLE

_____ DEPTH OF TANK BURIAL

_____ HOW SAMPLE WAS COLLECTED

_____ SAMPLES PRESERVED AND TRANSPORTED

_____ TOOLS DECONTAMINATED

_____ TIME/DATE SAMPLE COLLECTED

_____ TIME/DATE LAB RECEIVED

_____ LAB RESULTS

_____ ANALYSIS METHOD

_____ C.O.C.

_____ REFERENCE TO SAMPLING POINT ON MAP

_____ CORRECT # OF SAMPLES

_____ WITHIN 14 DAYS HOLDING TIME FOR SAMPLES

_____ TANK AND CONTENTS DESTINATION

_____ DISPOSITION OF SOIL

_____ REMOVAL DATE

_____ COMPLETE GW/UST-2 FORM

_____ SIGNED + SEALED

2-4-91 Exxon reports "minor seep"
12-27-91 Rec'd closure report
- Removed (2) 8,000 gas, (1) 6,000 gas (1) 1,000 waste oil + (1) 550 heating oil
- 2,000 tons of soil excavated
- up to 9000 ppm (5030) in situ
PUT IN NEW USTs - (3) 12,000 gas (1) 1,000 waste oil
3-10-92 NOV for no report ?
5-7-92 NORR
12-28-92 Rec'd Subsurface Investigation
- 48,000 ppm in soil at MW-2
- MW-3 GW tested - 11,000 ppb benzene
1-19-93 2L NOV
10-6-93 Rec'd CSA
- GW flows to the northeast
- GW conts increased in MW-2 + MW-3
- Cleanup plans ?
- they believe there may also be an up-gradient source
7-26-94 Rec'd CAP
- Use SVE/AS
3-6-95 Exxon requests that CAP be approved
6-20-95 CSA rejected, need info.
2-21-96 Rec'd revised CSA
- active water supply wells within 1500' - none within 1000'
- additional cont. soil discovered 6-25-95 during replacement of pump islands. 75.29 tons excavated
11-14-96 SVE/AS installed + operational mid 1996
2-24-98 CSA + addendum rejected
4-21-98 Accepted CSA ?
5-18-98 GW monitoring report ?
- no GW sampling
- SVE/AS off gas sampled 4-6-98
7-17-98 GW monitoring report ?
- no GW sampling
- no off gas sampling
9-29-98 - Well within 1000' - not high risk though
- pressure valve needs to be replaced ASAP + restart system
11-2-98 GW monitoring report
- GW remains above GCL for benzene (7,400 ppb)
4-30-99 GW monitoring report
- free product detected in MW-2 + MW-3
7-29-99 GW monitoring report
- free product still on site
10-28-99 GW monitoring report
- did AFVR to recover free product
1-26-00 GW monitoring report
- MW-2 still over GCL

7-31-00 GW monitoring report
- MW-2 still over GCL

1-20-01 GW monitoring report
- MW-2 still over GCL

4-18-01 Request for industrial/com. Melanie Wells wrote note saying IND./Com. O.K.

10-15-01 Rec'd site closure request
- AFVR was conducted on the overdrilled MW-2 for 24 hours
- 1,944 gallons of contaminated GW was recovered
- the equivalent of 13.39 gallons of NAPL was removed in vapor phase
- MW-2 sampled 9-26-01 Benzene 3,530ppb.

11-7-01 NRP. NORR

Exxon # 43998-B

7-10-01 Rec'd closure report

✓ USGS MAP

✓ BASE MAP

✓ ORIENTATION OF UST

32' LENGTH OF UST

8' DIAMETER OF UST

✓ VOLUME OF UST 12,000 12,000 12,000

✓ MATERIAL STORED gasoline gasoline gasoline

✓ SAMPLE LOCATIONS

✓ DEPTH OF SAMPLE

✓ SIDE OR FLOOR SAMPLE

4' to top DEPTH OF TANK BURIAL

____ HOW SAMPLE WAS COLLECTED

✓ SAMPLES PRESERVED AND TRANSPORTED

____ TOOLS DECONTAMINATED

✓ TIME/DATE SAMPLE COLLECTED

✓ TIME/DATE LAB RECEIVED

✓ LAB RESULTS

✓ ANALYSIS METHOD 8260, VPH

✓ C.O.C.

✓ REFERENCE TO SAMPLING POINT ON MAP

✓ CORRECT # OF SAMPLES

✓ WITHIN 14 DAYS HOLDING TIME FOR SAMPLES

✓ TANK AND CONTENTS DESTINATION

NA DISPOSITION OF SOIL

✓ REMOVAL DATE 6-13+14-01

✓ COMPLETE GW/UST-2 FORM

✓ SIGNED + SEALED

Soil results		soil to GW	Res.	IND
n-butylbenzene	24 ppm	4	156	
ethylbenzene	34 ppm	.24	1,560	
naphthalene	52 ppm	.58	63	
n-propylbenzene	22 ppm	2	156	
1,2,4-trimethylbenzene	220 ppm	8	782	
1,3,5-trimethylbenzene	72 ppm	7	782	
toluene	47 ppm	7	3,200	
xylenes	255 ppm	5	32,000	
C_9-C_{10}	920 ppm	34	469	12,264
C_5-C_8	760 ppm	72	939	
C_9-C_{12}	3,000 ppm	3,255	9,356	

rec'd on 8-3-01 - need 1 tank disposal manifest
- need UST-2 form

Has an LSA been done for any of the other incidents at this site? NO

_____ USGS MAP

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_____ ORIENTATION OF UST

_____ LENGTH OF UST

_____ DIAMETER OF UST

_____ VOLUME OF UST

_____ MATERIAL STORED

_____ SAMPLE LOCATIONS

_____ DEPTH OF SAMPLE

_____ SIDE OR FLOOR SAMPLE

_____ DEPTH OF TANK BURIAL

_____ HOW SAMPLE WAS COLLECTED

_____ SAMPLES PRESERVED AND TRANSPORTED

_____ TOOLS DECONTAMINATED

_____ TIME/DATE SAMPLE COLLECTED

_____ TIME/DATE LAB RECEIVED

_____ LAB RESULTS

_____ ANALYSIS METHOD

_____ C.O.C.

_____ REFERENCE TO SAMPLING POINT ON MAP

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7-29-93 Louise Schneider - Where are the samples from water at quality oil + exxon. She will call Piedmont and find out.

BP Oil 4700 W. Market ("Hollands Gulf") (4)
Exxon 4701 W. Market ("Exxon #43998") (4)
Quality oil (Shell) 4650 W. Market (Quality Mart #16) (6)

8-5-93 I spoke with Waddell and he said that we can only go after the R.P., so we can't tell Greensboro what to do with cont. soil they might dig up. Perhaps they can have an agreement with the R.P. that they will dispose of it properly and then get reimbursed by the R.P. The cont. soil would have to be dealt with and that was Waddells suggestion.

8-5-93 Called Louise Schneider and gave her this information.

send NORR - 5/1

PIRF - 4/13

INAO. CLOS. - 5/1

✓	USGS MAP		
✓	BASE MAP		
✓	ORIENTATION OF UST		
—	LENGTH OF UST		
—	DIAMETER OF UST		
✓	VOLUME OF UST 6K (3)	/ 1K (clean / <250)	/ 550 (clean / <40 ppm)
✓	MATERIAL STORED gas	/ usedoil	/ fuel oil
✓	SAMPLE LOCATIONS		
✓	DEPTH OF SAMPLE		
✓	SIDE OR FLOOR SAMPLE		
—	DEPTH OF TANK BURIAL		
✓	HOW SAMPLE WAS COLLECTED		
✓	SAMPLES PRESERVED AND TRANSPORTED		
✓	TOOLS DECONTAMINATED		
✓	TIME/DATE SAMPLE COLLECTED		
—	TIME/DATE LAB RECEIVED	/ usedoil	
✓	LAB RESULTS not up to 9000ppm	/ ND (20ppm	/ 22ppm
✓	ANALYSIS METHOD 5030	/ ~~3550~~ 9071	/ 3550
—	C.O.C.		
✓	REFERENCE TO SAMPLING POINT ON MAP		
✓	CORRECT # OF SAMPLES		
✓	WITHIN 14 DAYS HOLDING TIME FOR SAMPLES		
—	TANK DESTINATION - Bass Electric		
—	DISPOSITION OF SOIL Cherokee 2000 tons		
✓	REMOVAL DATE 9/3 - 9/25 1991		
—	COMPLETE GW/UST-2 FORM		

S.S.E. cleanup level = 35ppm

usedoil Det Level 20ppm - ND - S.S.E. 35 ppm

NO C.O.C. for Line Samples 1,2,3 - REIC Job# 0991-845 submitted 9/11/

NO received date on C.O.C. for waste oil / fuel oil

5/20/91 CLOS
NOV 2/8 92
2 N
3/16

send NORR - 5/1

PIRF - 4/13

INAO. CLOS. - 5/1

✓	USGS MAP		
✓	BASE MAP		
✓	ORIENTATION OF UST		
	LENGTH OF UST		
	DIAMETER OF UST		
✓	VOLUME OF UST	6K (3)	1K / clean <250 / 550 / clean <40 ppm
✓	MATERIAL STORED	gas	usedoil / fuel oil
✓	SAMPLE LOCATIONS		
✓	DEPTH OF SAMPLE		
✓	SIDE OR FLOOR SAMPLE		
	DEPTH OF TANK BURIAL		
✓	HOW SAMPLE WAS COLLECTED		
✓	SAMPLES PRESERVED AND TRANSPORTED		
✓	TOOLS DECONTAMINATED		
✓	TIME/DATE SAMPLE COLLECTED		
	TIME/DATE LAB RECEIVED		
✓	LAB RESULTS	not up to 9000ppm	usedoil / ND (20ppm / 22ppm
✓	ANALYSIS METHOD	5030	~~3550~~ 9071 / 3550
	C.O.C.		
✓	REFERENCE TO SAMPLING POINT ON MAP		
✓	CORRECT # OF SAMPLES		
✓	WITHIN 14 DAYS HOLDING TIME FOR SAMPLES		
	TANK DESTINATION	- Bass Electric	
	DISPOSITION OF SOIL	Cherokee 2000 tons	
✓	REMOVAL DATE	9/3 - 9/25 1991	
	COMPLETE GW/UST-2 FORM		

S.S.E. cleanup level = 35ppm

usedoil Det Level 20ppm - ND - S.S.E. 35 ppm

NO C.O.C. for Line Samples 1,2,3 - REIC Job# 0991-8458 submitted 9/11/91

NO received date on C.O.C. [illegible]

N.C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WASTE MANAGEMENT

UST SECTION

SITE NAME: Exxon # 43998-C

REGULATED ✓ NONREGULATED ____

	YES	NO
RELEASE CONFIRMED:	✓	____
CLEAN-UP INITIATED:	✓	____
TANK(S) REMOVED:	✓	____
RELEASE UNDER CONTROL:	____	____
CLEAN-UP COMPLETED:	____	____

TECHNICIAN: _____

DATE: ____/____/____

COMMENTS: _____

Exxon Co. USA RAS #43998

UNDERGROUND STORAGE TANKS (UST's)

(CHECK APPROPRIATE RESPONSE)

REGULATED ✓ NONREGULATED ____

	YES	NO
RELEASE CONFIRMED ?	✓	
CLEAN-UP INITIATED ?	✓	
TANKS REMOVED ?	✓	
RELEASE UNDER CONTROL ?	//	✓
CLEAN-UP COMPLETED ?		✓