

Project No.: _____

INNOVATIVE TECHNICAL SOLUTIONS, Inc.



FAX TRANSMITTAL COVER SHEET

To: Eva Chu Company: Alameda County

Fax: (510) 337-9335 Telephone: _____

From: Jeff Hess Subject: Lab results and location map for

Date: May 2, 1996 6400 Dublin Blvd, Dublin

No. of
Pages: 4 (including cover sheet)

Notes: Per your request yesterday, please find the attached Table of laboratory results, and Figure
showing sample locations.

cc: Scott Hooton, BP Oil Company, (206) 251-0736

Tim Johnson, Tosco Marketing Company, (206) 442-7561

Mike Noll, Noll Environmental, (360) 936-7555

TABLE

**SUMMARY OF LABORATORY RESULTS FOR CONFIRMATION SAMPLES
TOSCO FACILITY NO. 11120
DUBLIN, CALIFORNIA**

Sample Number	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	TPHd (mg/kg)	TPHh (mg/kg)	O&G (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Ni (mg/kg)	Zn (mg/kg)
Tank, piping and dispenser samples													
S-1	14	0.12	0.045	0.12	0.14	1.5					3.5		
S-2	2,700	3.2	21	34	180	570					<2.5		
S-3	1,100	0.90	11	11	71	140					2.6		
S-4	470	2.1	<0.25	10	13	34					<2.5		
S-5	1,800	<5	<5	11	97	480					<2.5		
S-6	40	0.11	0.086	0.89	0.44	1.6					<2.5		
S-7	42	0.68	0.61	1.4	8.2	<10					4.8		
S-8	<1.0	0.059	0.0074	0.011	0.34	<10					5.5		
S-9	4	<0.005	<0.005	0.073	0.44	75					5.3		
S-10	11	0.015	0.26	0.15	1.8	1.0					7.7		
S-11	14	0.032	<0.012	0.25	0.21	2.1					9.7		
S-12	23	0.14	0.21	0.52	2.8	3.1					<2.5		
S-13	610	1.2	5.4	9.3	58	25					<2.5		
S-14 ^{1,2}	<1.0	<0.005	<0.005	<0.005	<0.005	1.2		<50	<0.5	22	<1.0	28	28
S-15 ^{2,3}	<1.0	<0.005	<0.005	<0.005	<0.005	<1.0		<50	<0.5	25	<1.0	33	30
S-16	20	0.18	0.0092	0.37	2.1	56					21		
S-17 ^{2,3}	<1.0	<0.005	<0.005	<0.005	<0.005	<1.0		<50	<0.5	37	11	90	73
S-18							<10						
S-19							<10						

95-113.06/T.2-SumLabRes

TABLE (Continued)

SUMMARY OF LABORATORY RESULTS FOR CONFIRMATION SAMPLES
TOSCO FACILITY NO. 11120
DUBLIN, CALIFORNIA

Sample Number	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	TPHd (mg/kg)	TPHh (mg/kg)	O&G (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Ni (mg/kg)	Zn (mg/kg)
New tank location samples													
T1 (a-d)	<1.0	0.019	<0.005	<0.005	0.015	<1.0			<0.5	24	<1.0	34	31
T2 (a-d)	<1.0	<0.005	<0.005	<0.005	<0.005	<1.0			<0.5	19	<1.0	23	26
T3 (a-d)	<1.0	<0.005	<0.005	<0.005	<0.005	<1.0			<0.5	19	<1.0	28	28
Stockpile samples													
SP-1 ^{2,4,5} (a-d)	<1.0	<0.005	<0.005	<0.005	0.0068	67 ⁶			<0.5	29	<1.0	34	45
SP-2 (a-d)	6.8	<0.005	0.012	0.037	0.22						<2.5		
SP-2 (e-h)	30	0.0061	0.047	0.27	1.8						<2.5		
SP-2 (i-l)	22	0.027	0.11	0.40	2.0						<2.5		
SP-2 (m-p)	<1.0	<0.005	<0.005	<0.005	0.0062						<2.5		
SP-2 (q-t)	<1.0	<0.005	<0.005	<0.005	<0.005						4.4		
Sample Number	TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	TPHd (µg/l)	TPHh (µg/l)	O&G (µg/l)	Cu (µg/l)	Cr (µg/l)	Pb (µg/l)	Ni (µg/l)	Zn (µg/l)
W-1 ⁷	14,000	500	1,600	280	2,100	6,200		<5.0	<0.01	0.015	<0.02	0.046	0.071
W-2 ³	130	<0.5	2.6	2.5	24	130		<5.0	<0.01	<0.01	<0.02	<0.02	0.033

¹ Concentration of 7.6 µg/kg tetrachloroethene reported by EPA Method 8010.

² No compounds reportedly detected by EPA Method 8270.

³ No compounds reportedly detected by EPA Method 8010.

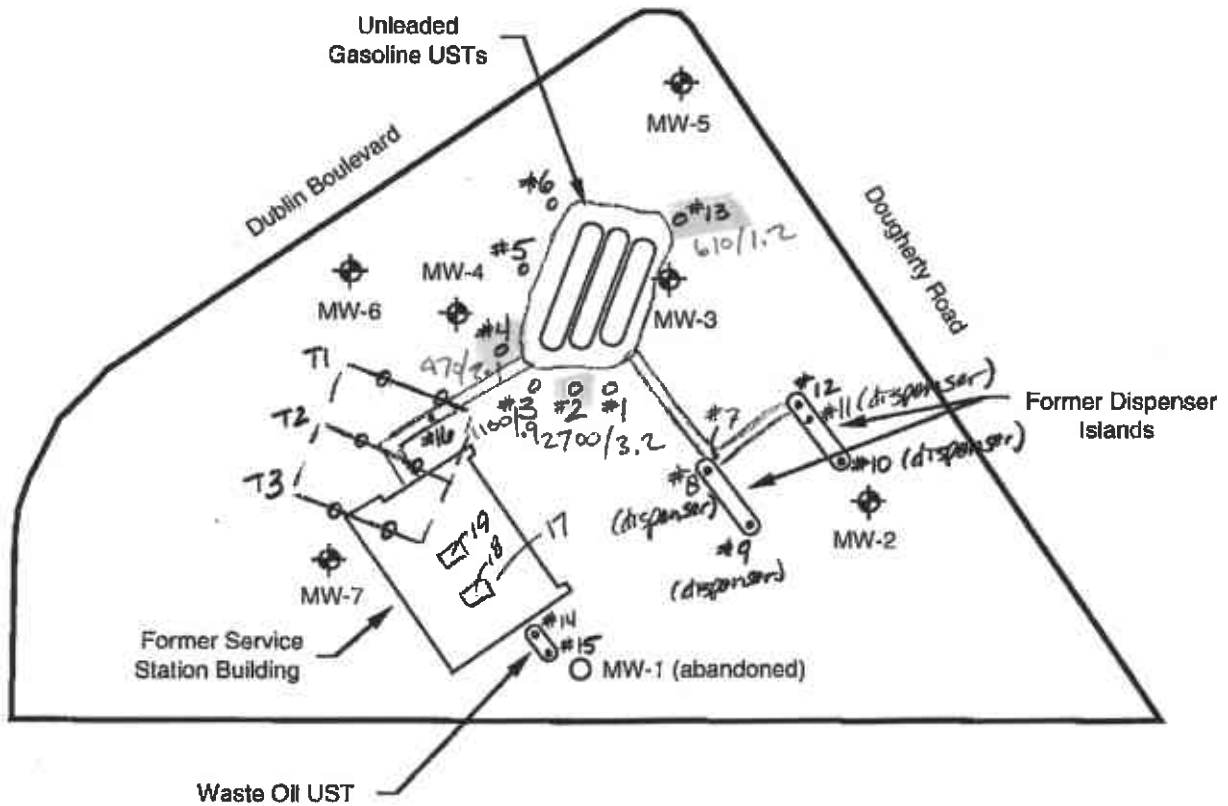
⁴ No compounds reportedly detected by EPA Method 8240.

⁵ CAM 17 metals analyzed for this sample, no significant concentrations reported.

⁶ Quantified as motor oil (C16 +)

⁷ Concentration of 6.7 µg/l tetrachloroethene reported by EPA Method 8010.

96-1005(1)int layout



Approximate Scale

Legend
 Monitoring Well

FIGURE 1

SITE LAYOUT AND APPROXIMATE SAMPLE LOCATIONS

Tosco Oil Facility No. 11120
 6400 Dublin Boulevard
 Dublin, California



TOSCO MARKETING COMPANY

INNOVATIVE TECHNICAL SOLUTIONS, INC.

Source: Adapted from Figure A-1, Emcon Northwest, Inc., dated 12-16-94