

**APPENDIX G**  
**FIELD COLORIMETRY LOGS**



DELIVERY ORDER NO: 0060

TNT FIELD SCREENING LOGSHEET  
 PROJECT NAME: Phase II RI @ WBG and Background Investigation

SITE: Calibration DATE: 7/21/98

4/21/98 4/21/98 4/21/98  
 4/21/98 4/21/98 4/21/98

Method used

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB (background)	BCKGRD ABSORB @ 20 min	BCKGRD ABSORB X2 @ 20 min	CORRECT EXTRACT ABSORB @ 20 min	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	φ.1	not	4/21/98	φ.1		clear		φ.624	φ.624	φ.624		
	φ.2			φ.2		slight pink		φ.639	φ.641	φ.643		
	φ.7			φ.7		pink		φ.126	φ.128	φ.133		
	φ.1φ			1.φ		red		φ.173	φ.183	φ.199		
	3.φ			3.φ		red		φ.491	φ.462	φ.45φ		
							RF	5.62	5.29	5.16		
							σ	0.321	0.265	0.842		
							70250	5.77	14	16		
								↑				
								use 10 min as color development time				
					PA							
						4/28/98						

COMMENTS:

SIGNATURE(S): Paul W. Belmont

QA CHECKED BY: Paul W. Belmont

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: background / W.P.B.G.

DATE: 4/21/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
TNT	BKφ 796	background new dil	4/21/98 1055	22.4	1	yellowish	φ.024 φ.021	φ.024	φ.048	φ.023	0.13	ND 0.57
	BKφ 794	background new dil	4/21/98 1445	20.9	1	yellow	0.116	φ.073	φ.146	φ.024	ND	→
	WBφ 726	WBφ 726	4/21/98	26.4	1	yellow	φ.114	φ.067	φ.134	ND	→	→
	WBφ 721	WBφ 721	4/21/98 1502	23.4	1	slight yellow	φ.287	φ.175	φ.350	ND	→	→
	WBφ 722	WBφ 722	4/25/98	26.7	1	clear	φ.170	φ.071	φ.142	φ.028	0.16	<1
	WBφ 723	WBφ 723	4/25/98 1358	26.8	1	slight yellow	φ.156	φ.087	φ.174	ND	→	<1
	WBφ 724	WBφ 724	4/25/98 1335	21.0	1	yellow	φ.222	φ.161	φ.202	φ.020	0.11	<1
TNT	LC5 I	Subst 10 ppm std	4/22/98 0900	21.26	1	clear	φ.219	φ.078 φ.078 φ.078	φ.141 φ.141 φ.141	φ.020	0.79	1.72
TNT	CCV				1	CL	0.098	0.00	0.00	0.028		0.551
	LC5 II		4/22/98 0917	20.3	1		0.196	0.077				
TNT	WB0725		4/22/98 0917	20.0	1	yellow	0.362	0.107	φ.217	φ.148	0.83	4.2

COMMENTS: <sup>+</sup> NE likely from mid-pt in curve (0.126/0.7) = 0.18 = 5.56 sample came less than std curve  
 WB0725 did not turn red was bright yellow assume interference not classify as <1  
 (interference)

4/22/98  
 RF = 5.02  
 S.M.P.  
 4/22/98  
 4/22/98

Use  
 4/22/98  
 4/22/98

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: W0706

DATE: 4/22/98 // 7/23/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
TNT	W07026	W0706	4/22/98 0917	20.4	1	cloudy	0.397	0.083	0.166	0.231	no pink 1.30	< 1
	W07027		4/22/98 0925	20.1	1	↓	0.340	0.219	0.438	ND	→	< 1
	W07028		4/22/98 0948	20.0	1	↓	0.315	0.216	0.432	ND	→	< 1
	W07029		4/22/98 0957	20.4	1	Slight Yellow	0.782	0.249	0.498	0.224	1.26	6.2
	W07030		4/22/98 1021	20.4	1	cloud	0.263	0.153	0.306	0.057	0.3	1.6
	W07031		4/22/98 1035	20.8	10	Slight pink	0.504	0	0	0.504	2.81	135
	W07032		4/22/98 1043	20.8	1	cloudy	0.282	0.177	0.354	ND	→	< 1
TNT	W0707	W0706	4/22/98 1008	20.1		clear	0.246	0.120	0.240	0.026	0.15	< 1
	W0708		1555	20.3		↓	0.323	0.100	0.200	0.123	no pink 0.69	< 1
	W0710		1737	20.7		↓	0.293	0.146	0.292	0.011	0.07	< 1
	W0711		1750	20.0		↓	0.470	0.160	0.320	0.120	0.67	3.4

COMMENTS: W07026 & W0708 are not hits interference cause no pink.

SIGNATURE(S): Paul J. Johnson QA CHECKED BY: Paul Johnson

4/22

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4/23

TNT FIELD SCREENING LOGSHEET

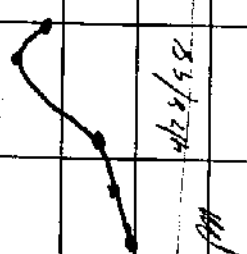
PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: AOX std course

DATE: 4/22/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
AOX	1 ppm	std	4/22/98	2.18	1	CL	0.031					
	3						0.065					
	5						0.262					
	7						0.373					
	10						0.362					



COMMENTS: Non linear curve for AOX, why?

SIGNATURE(S): Paul DeLuca QA CHECKED BY: Paul DeLuca

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: W0714 + 04

DATE: 4/23/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB XZ	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	W0712	W0714	4/22/98 1510	24.2		clear	0.241	0.162	0.204	0.037	0.21	1.0
	W0713		1219	24.1			0.313	0.233	0.466	ND		< 1
	W0715		1244	20.4			0.122	0.068	0.136	ND		< 1
	W0716		1258	24.9			0.245	0.126	0.352	ND		< 1
	W0717		1233	24.6			0.288	0.076	0.152	0.136	0.76	no pink
	W0719		1255	24.3			0.178	0.046	0.092	0.056	0.31	no pink
TNT	BK0786	background	4/23/98 1015	20.5		clear	0.113	0.013	0.226	0.087	0.49	2.4
ENTHAL	CCV/TNT		4/17/98				0.080	0.000	N/A	N/A	0.44%	89.92%
TNT	425 LCS1		4/23/98				0.300	0.057	0.108			N/A
TNT	CCV	0.5 STD	4/23/98				0.10				0.520	
TNT	413 LCS2	0.5		20.9			0.240	0.005				method blank & recovery

4/23/98

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COMMENTS: W0717, W0719 and BK0786 had no pink color assume to be positive

SIGNATURE(S): Paul J. Altman QA CHECKED BY: Paul Altman

TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DATE: 4/23/98

SITE: Back ground + WBG

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	473653	.5		20.3	1	colorless	0.228	0.005	0.014		no trace	blank
	473654	0		24.3	1	colorless	0.150	0.005	0.010		no trace	blank
	BK0784	BK4	4/23/98 1120	23.2	1	yellow	0.143	0.059	0.118	0.025	0.14	< 1
	BK0789		4/22/98 1705	21.4	1	CL	0.134	0.022	0.044	0.09	0.057	no pink
	BK0790		4/22/98 1518	20.3	1	CL	0.247	0.102	0.204	0.043	0.24	no pink
	BK0792		↓ 1112	26.6	1	CL	0.101	0.031	0.062	0.039	0.22	< 1
	BK0796		4/23/98 1025	24.0	1	CL	0.176	0.062	0.124	0.052	0.28	no pink
	WB0706	WB114	4/24/98 1541	20.8	1	yellow	0.154	0.085	0.170	0.040	0.31	no pink
	WB0709		1419	20.7	1	CL	0.258	0.096	0.182	0.056	0.27	1.5
	WB0714		1332	20.9	1	↓	0.160	0.076	0.192	0.040	0.07	no pink
	WB0718		1245	20.8	1	↓	0.073	0.040	0.080	0.013	0.06	0.35

COMMENTS: BK0789, BK0790 and BK0796 WB0709 and WB0718 had interferences no pink color developed assume no hits

SIGNATURE(S): [Signature] QA CHECKED BY: [Signature]

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TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DATE: 4/22/98

SITE: WP064

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/g)	SAMPLE CONC. (ug/g)
TNT	WP0689	WP064	4/23/98 1051	21.3	1	CL	0.141	0.081	0.162	ND	—	<1
	WP0690	WP064	1102	20.2	1	CL	0.271	0.132	0.264	0.007	0.004	<1
	WP0691	WP064	1112	21.7	1	CL	0.184	0.095	0.190	ND	—	<1
	WP0692	WP064	1011	21.1	1	CL	0.265	0.177	0.354	ND	—	<1
	WP0693	WP064	1023	23.4	1	CL	0.233	0.142	0.284	ND	—	<1
	WP0694	WP064	1029	22.0	1	CL	0.162	0.103	0.206	ND	—	<1
	WP0695	WP064	0845	21.0	1	CL	0.223	0.139	0.278	ND	—	<1
	WP0696	WP064	0858	20.1	1	CL	0.363	0.187	0.374	ND	—	<1
	WP0697	WP064	0910	22.4	1	CL	0.394	0.273	0.546	ND	—	<1
	WP0698	WP064	4/22/98 0931	21.6	1	CL	0.163	0.074	0.148	0.005	0.006	0.421
	WP0699	WP064	4/22/98 0947	20.3	1	CL	0.285	0.189	0.378	ND	—	<1

COMMENTS: WP0698 had interference w/ pink color <1

SIGNATURE(S): Paul A. Ahrens QA CHECKED BY: Paul Ahrens

**TNT FIELD SCREENING LOGSHEET**

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DATE: 4/23/98 // 4/24/98

SITE: Back ground WBG

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR ext. sol.	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
TNT	CCV	0.5 ppm			1		0.114				0.64	12870
TNT	CCV	0.5 ppm			1		0.081				0.45	9170
	4246031	1 ppm		20.1	1	clay	0.256 0.185				1.4	14870
	8F0800	background	4/23/98 1540	20.7	1	yellow green	0.116	0.053	0.116	ND	→	<1
	8F0801			20.1	1	green	0.162	0.088	0.176	ND	→	<1
	8F0802		1512	20.1	1	clay	0.315	0.131	0.262	0.053	0.30	no pink 1.5 ND
	W150700	W1504	1336	20.0	1		0.199	0.130	0.260	ND	→	<1
	W150701		1345	20.1	1		0.274	0.170	0.280	ND	→	<1
	W150702		1356	20.6	1		0.204	0.031	0.062	0.147	0.81	no pink 4.0 ND
	W150703		1258	20.3	1		0.316	0.161	0.322	ND	→	<1
	W150704		1307	19.9	1		0.219	0.114	0.228	ND	→	<1
	W150705		1315	20.0	1							

4/23  
4/24

COMMENTS: W150700 & W150703 did not indicate any color change interference "ND" assumed. 4246031 was high but CCV was in range could be reagent interference

SIGNATURE(S): Paul G. Hemen QA CHECKED BY:

DATE: 7/24/98 // 4/25/98

SITE: WBG

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
TWT	WB0733	WB065	7/23/98 1446	24.3	1	clear color	0.068	0.064	0.128	ND	→	< 1
	WB0734		1501	24.4	1	↓	0.371	0.216	0.432	ND	→	< 1
	WB0735		1511	19.9	1	↓	0.215 very cloudy	0.039	0.078	0.137	0.78	3.9 6.7 ND
	WB0736		1525	24.8	1	CL	0.610	0.459	0.918	ND	→	< 1
	WB0737		1536	24.7	1	↓	0.175	0.040	0.080	0.095	0.54	2.6 ND
	WB0738		1549	24.2	1	↓	0.147	0.045	0.090	0.057	0.33	1.6 ND
	WB0739		1559	24.3	1	↓	0.207	0.142	0.284	0.003		< 1
TWT	425LCSB1	1ppm	4/24/98	20.0	1	↓	0.135				.87	87%
TWT	425LSC1	1ppm				clear pink	0.154	0.064	0.088	0.150 0.146	0.97	97%
	425LSC2	1ppm				clear pink	0.167	0.063	0.086	0.154 0.151	0.99	99%

COMMENTS: 425LSC1 & 2 OK. WB0735, WB0737 & WB0738 had no pink change in the color assume ND

SIGNATURE(S): [Signature] QA CHECKED BY: [Signature]

4/24

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4/25

pm

TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DATE: 4/24/98

SITE: AOX Standard

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
AOX	0.5	Std	4/24/98 1600		1	pink	0.085	0.085		
	0.7				1		0.108	6.48		
	1.0				1		0.166	6.02		
	1.0				1		0.248	8.06		
	3.5				1		0.398	8.79		
	7				1		0.777	9.01		
								RF = 7.37		
							range			
							70.2311	17.5%		
							RF = 1.29			

COMMENTS: std curve is 0.5 -> 7.0 ppm range for soil 2.5 -> 35 ppm

SIGNATURE(S): [Signature] OA CHECKED BY: Paul Albino

TMT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

SITE: Standard Station DATE: 4/25/98

RF = 4.04

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TMT	0.2	PA	4/24/98			clear	0.030	6.667				
	0.7					light pink	0.106	6.61				
	2.0					pink	0.300	6.67				
	2.6						0.392	6.63				
	3.0		4/24/98				0.526	5.70				
	5.0						0.781	6.40				
	0.2					clear	0.031	6.45				
								$RF = 6.45$				
								$V = 0.346$				
								$90 RSD = 5.37$				
					PA	4/24/98						

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COMMENTS: NA

SIGNATURE(S): James J. Albrecht QA CHECKED BY: Paul Albrecht

TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DATE: 4/25/98

SITE: Background W.P. 61

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	BK 0812	NEG	4/24/98 0740	21.0		clear	0.007	0.001	0.002	0.005	0.07	<1
	BK 0833	↓	1000	20.0		clear	0.004	0.003	0.006	ND	—	<1
	WB 0748	WP 051	0928	20.2		clear	0.086	0.006	0.012	0.071	0.46	2.3
	WB 0749		0852	20.1		clear	0.134	0.005	0.010	0.124	0.80	4
	WB 0750		1035	20.1		pink	0.271	0.006	0.012	0.259	1.67	8
	WB 0751		1057	20.1		pink	0.112	0.003	0.006	0.106	0.68	3
	WB 0752		1139	20.2		clear	0.030	0.002	0.004	0.026	0.17	<1
	WB 0754		1402	20.2		clear	0.054	0.002	0.004	0.050	0.32	1
	WB 0755		1424	23.6		clear	0.093	0.012	0.024	0.069	0.45	2
	WB 0756		1528	20.3		clear	0.025	0.002	0.004	0.021	0.14	<1
	WB 0757		1553	20.5		clear						

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COMMENTS: 1st 4 WB 0748, WB 0749, WB 0752, WB 0755 and WB 0756 had a few color change assume all possible interference

SIGNATURE(S): [Signature] QA CHECKED BY: Paul [Signature]

TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase I RI @ WBG and Background Investigation

DATE: 4/25/98

SITE: Background / WBG

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC (ug/g)
RDX	CCV	2 Hrs					.231	PF 1.175	87% of		
	4125 LCS1	BKG	2 Hrs				0.197		PA 4/25/98		
	426 LCS2	↓	4 Hrs				0.257		PA 4/28/98		
	BK 0832	BKG	4/24/98 0940	21.0		clear	0.064			0.78	no color 2.3 < 1
	BK 0833	BKG	1000	20.0		↓	0.076			0.19	< 1
	WB 0748	WBG	0928	20.2		cl	0.008			0.48	no color 2.3 < 1
	WB 0749		0952	20.1			0.038			0.28	< 1
	WB 0750		1036	20.1			0.027			0.20	< 1
	WB 0751		1057	20.1			0.019			0.14	< 1
	WB 0752		1139	20.2			0.027			0.17	< 1
	WB 0754	↓	1402	20.2		↓	0.033			0.17	< 1

COMMENTS: Extracts were held on ice from TNT extractions

SIGNATURE(S): James A. Schmitt  
 QA CHECKED BY: Paul A. Brown





SITE: WPBGT and Background

DATE: 4/25/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
4/25 PDX	WPBGT 727	WPBGT 1	4/25/98 0835	24.1	cloudy	cloudy pink	0.092				0.68	4/25
↓	WPBGT 728	↓	↓ 0848	24.0	cloudy	cloudy pink	0.187				1.38	4/25
TNT	WPBGT 758	WPBGT 4	4/25/98 0858	20.4	CL	0.002	N/A			ND		<L
	WPBGT 759	↓	0929	20.3	↓	0.001	N/A			ND		↓
	WPBGT 760	↓	1029	20.3	↓	0.012	N/A			ND		↓
	WPBGT 761	↓	1119	19.7	↓	0.003	N/A			ND		↓
	WPBGT 763	1		20.2	pink	0.100 0.000	0.025 0.000	65%	recheck		0.65	
	WPBGT 764	1 ppm		23.2	pink	0.133	0.000	84%	OK		0.85	
	BKGT 829	BKGT 1045	1045	19.9	CL	0.001	N/A			ND		<L
↓	BKGT 828	BKGT 1015	↓ 1015	26.9	↓	0.001	N/A			ND		<L
PDX	CCV	2 ppm				0.045			80%	90%	OK	

COMMENTS: ~~WPBGT 727 and WPBGT 728~~ will be rerun. See pg 26, 28

SIGNATURE(S): Paul A. Blum QA CHECKED BY: Paul A. Blum

**TNT FIELD SCREENING LOGSHEET**

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DATE: 4/25/98

SITE: WPBGT & Background

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
NOX	WB 0758	WPBGT	4/25/98 0850	20.4	1	cc	0.051				0.38	2 <sup>no color</sup> <del>2.4</del>
	WB 0759		0821	20.3	1	↓	0.0728				0.21	no color < 1
	WB 0760		1029	20.3	1	↓	0.023				0.17	no color < 1
	WB 0761		1114	19.7	1	↓	0.037				0.27	↓
	4056651		4/25/98	20.0	1	Pink cloudy	0.187				OK	73%
	4056622			20.0	1	Pink cloudy	0.201				OK	74%
	OK 0808	OKGT	1015	20.9	1	cc	0.015				0.11	no color < 1
	OK 0809		1015	19.9	1	↓	0.015				0.11	↓
	WB 0710	WPBGT	4/22/98 1437	20.7	1	Pink	0.115				0.05	no color < 1
	WB 0712		4/22/98 1510	20.2	1	Pink slight	0.068				0.50	no color < 1
	WB 0713		4/22/98 1319	20.1	1	Pink	0.169				1.25	no color < 1

COMMENTS: WB 0712 & WB 0713 are non-detects see pg 26, 28 ces were slightly out  
 comment report & filter type may have cause interference.  
 SIGNATURE(S): Paul Alkema  
 QA CHECKED BY: Paul Alkema

765

818

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0050

DATE: 4/25/98 // 7/26/98

SITE: WP05

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXCT. COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
ROX	WB0703	WP05	4/23/98 1258	20.3	1	clear	0.092				0.68	1.3 < 1
	WB0704		1307	19.9	1	pink	0.083				0.61	1.3 < 1
	WB0705		1315	20.0	1	pink	0.116				0.85	1.4 < 1
	WB0707		4/23/98 1608	20.1	1	pink	0.079				0.58	1.3 < 1
	WB0708		1555	20.3	1	pink	0.102				0.75	1.4 < 1
	WB0715		1304	20.4	1	pink	0.105				0.77	1.4 < 1
	WB0732		4/23/98 1043	20.8	1	cloudy pink	0.114				0.84	1.4 < 1
ROX	CCV	2 ppm					0.279				2.05	OK POR = 102
TNT	CCV	1 ppm					0.162				104.5	OK %R = 105
TNT	CCV	1 ppm					0.194				1.25	OK %R = 125
	4/26/98	0 ppm					0.001	0.002	OK		method blanks & recovery	

COMMENTS: see pg 26, 28 comment

SIGNATURE(S): Paul Albano

QA CHECKED BY: Paul Albano

TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DATE: 4/26/98

SITE: WFBG

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
TWT	WP 762	WP 85	4/25/98 1412	20.4	1	CL	0.058	0.005	0.010	0.048	0.31	no pink 1.5
	WP 765		1621	20.0	1		0.004	0.005	NO			CL
	WP 764		1545	20.0	1		0.003	0.004	NO			CL
	WP 763		1454	20.0	1		0.010	0.004	0.008	0.002	0.01	CL
	436251	0 ppm					0.004	0.003	NO			
NOX	CCV	2 ppm	4/26/98			CL	0.244				1.20	70%
	WP 709	WP 6	4/22/98 1419	20.7	1	P	0.083				0.61	1.5 CL
	WP 784	WP 5	4/23/98 1000	23.2	1	P	0.060				0.44	1.5 CL
	WP 786		4/22/98 1415	20.5	1	P	0.136				1.00	1.5 CL
	WP 789		1705	21.4	1	P	0.121				0.89	1.5 CL
	WP 790		1510	20.3	1	P	0.189				1.39	1.5 CL

COMMENTS: WP 784 WP 786 WP 789 will be rerun. See pg 26, 28

SIGNATURE(S): Jan A. Ahmad QA CHECKED BY: Paul Williams

1/26

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TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: Background WPNG

DATE: 4/26/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
POX	GK 792	4/22/98 1112	BFG	26.6	1	P	0.990	—	—	—	0.66	292
	BK 800			24.7	1	CL	0.016	—	—	—	0.34	21
Q-21	BK 801			20.1	1	Y	0.473	—	—	—	0.32	21
	WP 720S	non permitt ion ion exch	WP BGT				1.305 out scrub	—	—	—	—	—
	WP 722S			20.7	1		0.257	—	—	—	1.9	9 QC
						CL	bubbles 0.015	—	—	Method blank	0	recovery
POX	42662	0 ppm				CL	0.014	—	—	Method blank	0	recovery
	WP 774	4/22/98 1332	WPNLT	20.9	1	P	0.101	—	—	—	0.74	21
↓	WP 776	1358		20.9	1		0.102	—	—	—	0.75	21
	WP 777	1233		20.6	1		0.094	—	—	—	0.69	21
	WP 778	4/22/98 1521		20.8	1	↓	0.109	—	—	—	0.80	21

COMMENTS: GK 792 will be re-run. See pg 26 + 28 comments

SIGNATURE(S): Paul A. Johnson QA CHECKED BY: Paul A. Johnson

TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 00660

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DATE: 4/26/98

SITE: WPBG & background

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
POX	WP 719				1	CL	0.040				ND	<1
	WP 762				1		0.016				ND	<1
	WP 763				1		0.024				ND	<1
	WP 764				1		0.025				ND	<1
	WP 765				1		0.018				ND	<1
POX	WP 806		4/22/98	20.8	1	P	0.122				0.90	4
	WP 720	ion exchange QC		20.4	25	P	0.067				0.49	60
	BK WP 760	4/23/98		20.0	1	CL	0.016				ND	<1
	BK WP 796			20.9	1		0.015				ND	<1
	BK WP 794				1		0.014				ND	<1
	BK WP 744D				1		0.016				ND	<1

1126

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Handwritten notes and arrows at the bottom of the table.

COMMENTS:

QA CHECKED BY: Paul Adkins

SIGNATURE(S): [Signature]

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0080

SITE: WPBGT

DATE: 4/26/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
RDX	WP 680	4/23/98 1057	WPBGT	21.3	1	pk	0.145				1.1	4.5 < 1
	WP 681	1112		21.7	1	pk	0.129				0.95	4.0 < 1
	WP 682	1102		20.2	1		0.113				1.0	4.5 < 1
	WP 682	1011		21.1	1		0.136				1.0	4.5 < 1
	WP 683	1023		23.4	1		0.124				0.91	4.0 < 1
	WP 684	1029		22.0	1		0.144				1.1	4.5 < 1
	WP 685	0815		21.0	1		0.129				0.95	4.0 < 1
	WP 686	0850		20.1	1		0.457				3.4	4.5 < 1
RDX	WP 688	4/20/98 093	WPBGT	21.6	1	pk	0.170				1.0	4.5 < 1
	WP 689	4/23/98 0947		20.3	1		0.133				1.0	4.5 < 1
	WP 700	4/23/98 1336		20.0	1		0.100				0.7	4.5 < 1

4/26

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COMMENTS: see comments pg 26/28 re: WP 686

SIGNATURE(S): Paul Johnson QA CHECKED BY: Paul Johnson

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**TNT FIELD SCREENING LOGSHEET**

PROJECT NAME: Phase II RI @ WBG and Background Investigation DELIVERY ORDER NO: 0060

SITE: WPB67 DATE: 4/26/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	60KGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
ROX	WP0701	WPB67	4/24/98 13:41	20.1	1	pink	0.193	—	—	—	1.4	47
	WP0702		1356 4/24/98	20.6	1	—	0.147	—	—	—	0.88	17
	WP0733		4/23/98 14:46	20.3	1	—	0.171	—	—	—	1.26	66
	WP0734		1541	20.4	1	—	0.133	—	—	—	0.98	81
	WP0735		1511	19.9	1	—	0.146	—	—	—	0.78	17
	WP0736		1525	20.8	1	—	0.190	—	—	—	1.4	27
	WP0737		1536	20.7	1	—	0.169	—	—	—	1.24	66
	WP0738		1544	20.2	1	—	0.110	—	—	—	0.81	41
	WP0739		1559	20.3	1	—	0.150	—	—	—	1.11	51
	WP0697		4/24/98 09:18	22.4	1	+	0.252	—	—	—	1.86	88
	WP0713	WPB67	4/22/98 13:19	20.2	1	CL <sub>2</sub>	0.169	no color	—	—	1.24	21

4/26

COMMENTS: See counts pg 26, 28 WP0701, WP0733, WP0736, WP0737, WP0697 will be removed.

SIGNATURE(S): Paul Albener QA CHECKED BY: Paul Albener



TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 00160

PROJECT NAME: Phase II RI @ WBG and Background Investigation

SITE: \_\_\_\_\_

DATE: 4/26/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL.	EXTRACT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB %2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
POX	WP 720	WPB5	4/24/98 15:02	2g.1	1	CL	φ.195	no color	no color	no color		<1
	WP 725		4/24/98 09:17	2g.φ	1	CL	φ.169	no color	no color	no color		<1
	WP 726		4/24/98 09:17	2g.2	1		φ.142	no color	no color	no color		<1
	WP 720		4/24/98 14:00 07:48 2g.1	2g.1	1		φ.165	no color	no color	no color		<1
	BK 784	BK5	4/23/98 11:20	2g.3	1		φ.281	no color	no color	no color		<1
	BK 786		4/23/98 16:15	2g.5	1		φ.158	no color	no color	no color		<1
	BK 789		4/24/98 17:05	2g.φ	1		φ.142	no color	no color	no color		<1
	BK 790		4/24/98 15:10	2g.φ	1		φ.108	no color	no color	no color		<1
	BK φ											
POX	WP 696	WPB5	4/23/98 08:58	2g.1	1	P	φ.233			376 φ.233	1.72	8.5
	CCV	2gpm					.233		87%	OK	1.7	

HI

COMMENTS:

SIGNATURE(S): *[Signature]* QA CHECKED BY: *[Signature]*

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TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

SITE: WPBG & background DATE: 4/26/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
P-0X	426665	2 ppm	4/26	20.0	1	Pink	0.264				1.95	78.2
	WP0697	WP0697	4/23/98	20.4	1	CL	0.116	No color				<1
	WP0701		1345	20.1	1		0.131	No color				<1
	WP0733		1446	19.9	1		0.119	No color				<1
	WP0736		1525	20.0	1		0.096	No color				<1
	WP0737		1536	19.9	1		0.116	No color				<1
	WP0792	4/22/98	1575	20.0	1		0.298	No color				<1
CCV	2 ppm									7.2	1.85	

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COMMENTS:

SIGNATURE(S): Paul A. Johnson QA CHECKED BY: Paul Johnson

TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase I/RI @ WBG and Background Investigation

DATE: 4/27/98

SITE: WPOG + PKG

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	CCV	1 ppm STD			1		0.134			0.86	0.86	86%
	WSP884		4/24/98 1038	20.0	1	LL	0.010	0.008	0.016	ND		< 1
	WSP886	1109	4/24/98 1104	20.1	1	LL	0.008	0.008	0.016	ND		< 1
	WSP 72221	1 ppm	4/24/98		1	pink	0.157	0.001	0.002	4.155	1.027	10190
	PK8820	DFG	4/24/98	20.0	1	LL	0.000	ND				< 1
	PK8821	BKG	4/24/98	20.0	1	LL	0.000	ND				< 1
	WSP885	WPOG	4/24/98 1106	20.1	1	LL	0.004	0.003	ND			< 1
	WSP888	WPOG	4/24/98 1141	20.0	1	pink yellow	0.014	0.011	0.022			< 1
POX	CCV	2 ppm			1	pink	0.214			1.58	1.58	79%
	427201	2 ppm			1	pink	0.246			1.81	1.81	90%
	BK8820	BKG	4/24/98 0815	20.0	1	LL	0.121					< 1

COMMENTS:

SIGNATURE(S): from A. Adams QA CHECKED BY: Paul Okuma

**TNT FIELD SCREENING LOGSHEET**  
 PROJECT NAME: Phase II RI @ WBG and Background Investigation  
 DELIVERY ORDER NO: 0060

SITE: BKG + WP DATE: 4/27/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
POX	BK0821	BKG	4/27/98	20.0	1	CL	0.121		no color		ND	< 1
	WP BK0884	WP024	1030	20.0	1		0.141		no color			< 1
	WP BK0885		1106	20.1	1		0.154		no color			< 1
	WP BK0886		1109	20.1	1		0.141		no color			< 1
	WP BK0888		1141	20.0	1		0.1531		no color			< 1
	TNT	CCU	1992						OK			0.91
	BK0817	4/27/98	BKG 1145	20.0	1	CL	0.000	ND				< 1
	BK0801		0944	20.3	1		0.006	0.001	0.008	ND		< 1
	BK0816		0907	20.1	1		0.001	0.000	0	0.001	ND	< 1
	BK0803		1218	20.0	1		0.009	0.004	0.008	0.001	ND	< 1
	BK0802		1127	20.1 1177	1		0.015	0.010	0.010	ND		< 1

COMMENTS:

SIGNATURE(S): Paul Alkema QA CHECKED BY: Paul Alkema

0060

**TNT FIELD SCREENING LOGSHEET**

PROJECT NAME: Phase II RI @ W2G and Background Investigation DELIVERY ORDER NO: 0060

SITE: BKG + WPBGT

DATE: 7/27/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTGT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	PK0799	BKG	7/27/98 1055	20.2	1	LL	0.060	0.048	0.096	ND	→	<1
	427652				1	pink	0.160				1.03	103% recovery
	WB0729D	WPBGT	7/27/98	20.1	1	yellow	0.952	0.024	0.048	0.904	5.8	29
	WB07110		7/27/98	20.0	1	LL	0.033	0.003	0.006	0.027	0.12	1
	WB0750D		7/27/98	20.0	1	LL	0.111	0.007	0.014	0.097	0.63	3
	WB0751D		7/27/98	20.0	1	LL	0.121	0.029	0.058	0.063	0.41	2
POX	CU087					pink	0.211				1.77	89% ok
	BK0817	7/27/98	BKG	26.0	1	LL	0.076			no color	0.6	<1
	BK0816	0907		20.1	1	LL	0.073			no color	0.5	<1
	BK0804	0944		20.3	1	LL	0.061			no color	0.4	<1
	427652				1	pink	0.241				1.81	90.6% ok

7/27 dup  
 ↓  
 0.29

COMMENTS:

SIGNATURE(S): [Signature] QA CHECKED BY: Paul Oliveira

**TNT FIELD SCREENING LOGSHEET**  
 PROJECT NAME: Phase II RI @ WBG and Background Investigation  
 DELIVERY ORDER NO: 0060

SITE: WBBG + BKG      DATE: 4/27/98/4/28/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTRACT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
ROX	BK0802	BEG	4/27/98 1027	20.1	1	CL	0.066	no color		0.5	<1
	WB06960 DUSTBATH	WBBG	4/27/98 0858	20.1	1	PINK	0.405	PINK		2.98	15
G30	BK0803	BEG	1248	20.0	1	CL	0.058	no color		0.4	<1
	BK0799	BEG	1055	20.2	1	CL	0.165	no color		no color 1.2	<1
ROX	2 gm	CCV			1	PINK	0.221	PINK		1.62	81%
TNT	1 gm	CCV			1	PINK	0.157			1.01	101%
TNT	1 ppm	CCV			1	PINK	0.170			1.09	101%
	428LCS1	WBBG	4/27/98 1123		1	PINK	0.152	0.002		1.0	100%
	BK 812	BEG	4/27/98 0858	20.1	1	Clear	0.008	0.000	0.008	0.07	<1.0
	BK 813	BEG	1705	20.1	1	Clear	0.001	0.002	0.000	0.07	<1.0
	WB744	WBBG	1529	20.1	1	Clear	0.131	0.262	0.000	0.2	<1.0

COMMENTS:

SIGNATURE(S): \_\_\_\_\_ QA CHECKED BY: \_\_\_\_\_

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: WPB67 BKEG

DATE: 4/28/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	WPB745	WPB9	4/27/98 1618	20.1	1	clear	0.030	0.033	0.060	0.000	0.000	< 1.0
	WPB746	WPB9	1656	20.1	1	clear	0.033	0.035	0.066	0.070	0.00	< 1.0
	WPB747	WPB9	1732	20.0	1	clear	0.016	0.013	0.032	0.00	0.00	< 1.0
	WPB729D	WPB9	4/22/98	20.1	2x	pink	0.639	0.00	0.00	0.639	4.12	8.24
BOX	CUV	2 ppm			1	pink	0.226				1.67	8390
	WPB741	WPB9			1	b	0.284				2.1	105%
	WPB745	WPB9	4/27/98 1618	20.1	1	yellow	0.326		no color		ND	< 1
	WPB746	WPB9	1656	20.1	1	LL	0.175		no color		ND	< 1
	WPB747	WPB9	1732	20.0	1	LL	0.241		no color		ND	< 1
	BKE812	BKEG	4/15/98	20.1	1	LL	0.134		no color		ND	< 1

COMMENTS:

QA CHECKED BY:

SIGNATURE(S): *[Signature]*

**TNT FIELD SCREENING LOGSHEET**

PROJECT NAME: Phase II RI @ WBG and Background Investigation DELIVERY ORDER NO: 0060

SITE: BKCT DATE: 4/28/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
ROX	BTD813	BFG	4/27/98 1705	20.1	1	CL	φ.114	no color			NH	< 1
TNT	CCU	1112				CL	φ.167			OK	1.08	108%
<del>TNT</del>	<del>4TB052</del>	<del>709/98</del>	<del>1/1/98</del>				<del>φ.149</del> <del>φ.086</del>	<del>φ.086</del>			0.95	95%
TNT	WB0766	0816	WB0764	22.9	1	CL	φ.180	φ.002	φ.002	φ.174	no color	< 1
	WB0767	1107		21.6	1	CL	φ.012	φ.0001	φ.002	φ.019	NH	< 1
	WB0768	1154		21.2	1	Yellow	φ.210	φ.129	φ.258	NH	→	< 1
	WB0769	1159		21.7	1	CL	φ.032	φ.045	φ.016	φ.022	φ.1	< 1
	WB0770	1210		22.4	1	Yellow	φ.937	φ.065	φ.13	φ.807	5.2	23
	AK0824	1050	BK64	24.0	1	CL	φ.033	φ.001	φ.002	φ.031	φ.2	< 1
	BK0825	1110		20.2	1	CL	φ.033	φ.001	φ.002	φ.031	φ.2	< 1
TNT	WB0751	4/10/98 1057	WB0751	20.6	1	CL	0.099	φ.045	φ.010	φ.089	φ.57	3

COMMENTS: MINIAT 63 RE NUM WB0770 @ 2X

SIGNATURE(S): [Signature] QA CHECKED BY: \_\_\_\_\_



TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

SITE: WPHG

DATE: 4/28/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	WB 8778 <del>WB 8777</del>	4/28/98 1208	WPHG	22.4	2	1.41 yellow	0.776	0.000	—	0.776	5	45
NOX	CEU	2/1/98										
	BK 8824	4/28/98 1050 BK 2/1/98	BK G	20.0	1	CL	0.158	—	—	—	1.79	8970
	BK 8825	4/28/98 1110	↓	24.0	1	CL	0.174	—	—	—		CL
	WB 7666	0916	WPHG	20.2	1	CL	0.114	—	no color	—		CL
	WB 767	1107	↓	22.9	1	CL	0.132	—	no color	—		CL
	WB 768	1134	↓	21.2	1	CL	0.458	—	no color	—		CL
	WB 769	1159	↓	21.7	1	CL	0.142	—	—	—		CL
	WB 770	1219	↓	22.4	1	red	off scale	—	—	—		CL
	428002 down	2 ppm	4/28/98				0.208				2.06	10370
	WB 770	4/28/98 1218	WPHG	22.1	5		0.517				4.1	475 20.5
							0.173				1.79	8970

COMMENTS:

SIGNATURE(S): Juan P. Alvarez

QA CHECKED BY:

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: BKLG WPSLG

DATE: 4/28/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	BK0798	BKLG	4/28/98 1532	20.1	1	Yellow	0.129	0.026	0.052	N/A	<0.2	<1.0
↓	WPS0771	WPSLG	1354	20.1	1	Clear	0.031	0.004	0.008	0.023	<0.2	<1.0
934	WPS0772	WPSLG	1415	19.9	1	Clear	0.005	0.004	0.008	N/A	<0.2	<1.0
W	WPS0771	WPSLG	APP	WPSLG								
TNT	CCU	N/D					0.174	0.001	0.001		1.12	11270 <del>ug/g</del>
ROX	BK0798	BKLG	4/28/98 1532	20.1	1	CC	0.188	0.001	0.001	N/A	N/A	<1
↓	WPS0771	WPSLG	1354	20.1	1	↓	0.094					<1
↓	WPS0772	WPSLG	1415	19.9	1	↓	0.097					<1
	CCU	2 ppm				pink	0.252				1.86	9320

COMMENTS:

SIGNATURE(S): [Signature]

QA CHECKED BY:

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: SEG WPA

DATE: 4/27/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	CCV	1 pm				pink	d.169			0.72	1.09	108%
	CCV					cc	φ.865	φ.664				
	BKφ8φ8	DKG	4/29/98 1644	20.1	1	cc	φ.844			ND	ND	LI
	DKφ8φ9		↓ 1617	19.8	1	cc	φ.805			ND	ND	LI
	WNφ768	WPA	4/29/98 1624	21.7	100	yellow	φ.147	φ.106	φ.206	4.147	φ.94	437
	↓		↓	↓	1000	pink	φ.397	φ.17	φ.834			
	WNφ77φ0		4/29/98 1218	20.2	1	yellow	φ.864	φ.862	φ.124	φ.74φ	4.8	24
TNT	WNφ77φ0	WPA	↓		2	pink	φ.507					ca. 33
	WNφ788		4/29/98 1224		100	blue	off scale					
	WNφ768		↓		1000	cc	φ.143				φ.92	4250
NOX	4291cs1	2 pm			605		φ.279				2.05	102.8%

COMMENTS: 1000-1 dilution high number? Don't know why (3 times higher). ca. 33

SIGNATURE(S): [Signature] QA CHECKED BY: \_\_\_\_\_

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

DATE: 4/29/98

SITE: \_\_\_\_\_

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
NOX G-36	AK 809	NFG	4/29/98 1600	20.1	1	CL	0.193		No color			< 1
	NF 898		1617	19.8	1	CL	0.181		No color			< 1
	WP 768	WP 514	4/29/98 0824	21.7	1	very light pink	0.024 0.128	0.024 0.128	off scale			→
	CV	214				CL	0.209				779	OK
	WP 577	WP 514	4/29/98 1218		5	Pink	0.446				3.28	

COMMENTS:

SIGNATURE(S): *Jan L. Shurt*

QA CHECKED BY:

INT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: RDX standardizer

UNF 110220

DATE: 5/4/88

Extract Absorbance

Filtered

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	EXTRACT ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
RDX	0.5	std	4/28/88	NA	1	Pink	0.065	7.69		0.065		
	0.7				1		0.092	7.81				
	2.0				1		0.206	9.71				
	4.0				1		0.391	10.23				
	7.0				1		0.752	9.38				
RF = [concentration]							RF = 8.86					
absorbance							D = 1.13					
RDX @ 507nm							%RSD = 100%					

COMMENTS: Used unfiltered runs for analysis in spec. Threw out conc. 7.0

SIGNATURE(S): David Adams

QA CHECKED BY:

TNT FIELD SCREENING LOGSHEET

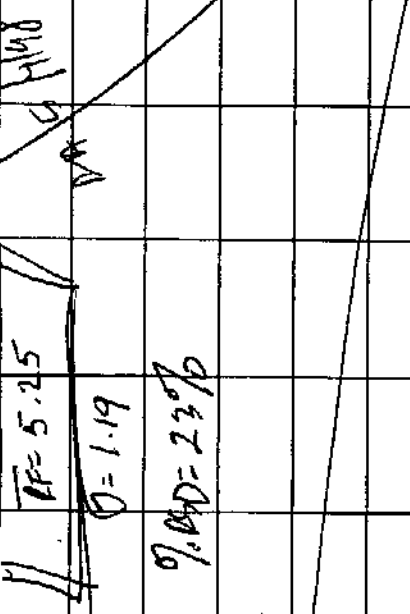
PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: TNT Standardization

DATE: 5/4/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB LF	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
TNT	67	0.2	4/28/98 1100	100	1	Pink	0.060	<del>0.133</del> 3.33				
		0.7			1		0.134	5.22				
		2.0			1		0.330	6.06				
		4.0			1		0.626	6.38				
		7.0			1		1.085	6.46				
TNT	54											



COMMENTS: Not as 7.0 ppm with absorbance of 1.085 - too high

SIGNATURE(S): Paul Albright

QA CHECKED BY:

TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

SITE: Background

DATE: 05/04

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC (ug/g)
TNT	0504UCS1 Bkg mwa	1 ppm	05/04/04	20.0	1	clear pink	0.147	NA	---	---	0.77	7700
	Bkg mwa A	BKG	0433	20.4	1	light yellow clear	0.017	0.018	---	---	ND	<1
	Bkg mwa B	1	1023	21.1	1	clear	0.053	0.020	0.04	---	ND	<1
	Bkg mwa C	1	1042	20.1	1	yellow	0.054	0.048	0.06	---	ND	<1
	Bkg mwa D	1	1109	20.6	1	clear	0.036	0.023	0.046	---	ND	<1
LDX	0504UCS1	1 ppm	05/04/04	20.0	1	clear pink	0.253	---	---	---	2.24	11300
	Bkg mwa A	BKG	0933	20.4	1	light yellow clear	0.029	---	---	---	ND	<1
	Bkg mwa B	1	1023	21.1	1	clear	0.030	---	---	---	ND	<1
	Bkg mwa C	1	1042	20.1	1	yellow	0.054	---	---	---	ND	<1
	Bkg mwa D	1	1109	20.6	1	clear	0.018	---	---	---	ND	<1
TNT	0505UCS1	1 ppm	05/04/04	20.0	1	pink	0.154	0.001	---	---	0.81	8070

COMMENTS: samples re gmv A, d, c, d remained with appropriate number

All LDX were filtered before going thru spec.

SIGNATURE(S): Paul Johnson

QA CHECKED BY: \_\_\_\_\_

05/04

0.30

5/5

**TNT FIELD SCREENING LOGSHEET**

PROJECT NAME: Phase II RI @ WBG and Background Investigation DELIVERY ORDER NO: 0080

SITE: WRG, BCG DATE: 05/05/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTRACT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	WB0881	WRG	05/04/98	20.2	1	light yellow clear	0.014	0.014	.028	—	ND	<1
	882		1312	20.1	1	clear	0.017	0.015	.030	—	ND	<1
	883		1413	20.4	1	clear	0.006	0.002	.004	.042	.011	21
	885		1433	20.2	1	clear	0.014	0.006	—	—	ND	<1
	886		1439	20.3	1	clear	0.030	0.054	—	—	ND	<1
	887		1631	21.6	1	clear	0.012	0.004	—	—	ND	<1
	888		1649	20.4	1	clear	0.021	0.007	—	—	ND	<1
	889		1762	20.8	1	clear	0.010	0.005	—	—	ND	<1
	990		1717	20.3	1	yellow-pink	0.088	0.016	0.032	0.056	0.214	1.9 ppm
	BK0814	BCG	1410	20.6	1	clear	0.004	0.003	—	—	ND	<1
	BK0915	BCG	1535	20.7	1	clear	0.000	0.000	—	—	ND	<1

COMMENTS:

SIGNATURE(S): Paul Colburn

QA CHECKED BY:

Act



TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

SITE: WPBG

DATE: 05/05/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	00V1	1 PPM			1	pink	0.144				.76	7690
RDX	0505651			29.4	1	pink	0.176				1.58	792
	WB0881	WPBG	05/04/98 13:40	20.2	1	slightly yellow	0.038				ND	41
	882		1312	20.1	1	clear	0.035				ND	41
	883		1413	20.4	1	clear	0.062				ND	41
	885		1433	20.2	1	clear	0.031				ND	21
	884		1439	20.3	1	clear	0.027				ND	41
	887		1631	21.0	1	clear	0.030				ND	41
	888		1649	20.4	1	clear	0.042				ND	41
	889		1702	20.8	1	clear	0.019				ND	21
	890		1717	20.3	1	yellow	0.033				ND	41

5/5

G-41

COMMENTS: All RDX were filtered before going back spec.

SIGNATURE(S): Paul Wilkerson

QA CHECKED BY: \_\_\_\_\_

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

DATE: 05/05/98

SITE: Background

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
RDX	BK0214	BKG	4/29/98 1430	20.6	1	Clear	0.033					
↓	BK0815	↓	↓ 1535	20.7	1	Clear	0.017					
RDX	CCY1	Zppm			1	pink	0.184				1.65	93%
TNT	WB0768	WPA6	4/29/98 1824	21.7	X100 clear diluted	pink	0.139	0.001	0.002	0.137	0.709	340 ppm 340 ppm
TNT	WB0890	WPA6	5/14/98 1717	20.7	1	pink	0.318	0.012	0.024	0.294	1.54	77 ppm 77 ppm
TNT	BKG MWE	5/5/98 BKG	BKG	20.9	1	yellow	0.069	0.057			ND	< 1
TNT	BKG MWF	1401		21.0	1	CL	0.091	0.002			ND	< 1
RDX	BKG MWE	1349		20.9	1	yellow	0.014				ND	< 1
RDX	BKG MWF	1401		21.0	1	CL	0.014				ND	< 1
RDX	CCV2	Zppm	5/5/98	NA	1	dark pink	0.107				1.48	74%
				PA 5/6/98								

COMMENTS: TNT Duplicate WB0768 was at a dilution X100.

All RDX were fist-hand before going thru spec.

SIGNATURE(S): Paul Albano QA CHECKED BY:

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: WPBG, Background

DATE: 5/16/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRO ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	CCV1	1 <sup>pm</sup> 2 ppm	5/14/98	NA	1	CL	0.183	—	—	—	0.96	96% OK
↓	BKG-G	BKG	5/15/98 1715	20.8	1	neg CL	0.017	0.011	0.022	—	ND	<1
↓	WPBG91	WPBG	1505	20.7	1	neg CL	0.033	0.011	0.022	—	ND	<1
RDX	CCV1	2 ppm	5/16/98	NA	1	pink	0.170	—	—	—	1.52	76% OK
↓	BKG-G	BKG	5/15/98 1715	20.8	1	neg CL	0.015	—	—	—	0.134 ND	<1
↓	WPBG91	WPBG	1505	20.7	1	neg CL	0.010	—	—	—	0.143 ND	<1
TNT	CCV1	1 ppm	5/16/98	—	1	pink	0.172	—	—	—	0.90	90% OK
↓	BKG-MNH	BKG	5/16/98 1457	20.4	1	orange yellow	0.086	0.076	—	—	ND	<1
↓	BKG-MWI	BKG	1509	21.1	1	CL	0.009	0.009	—	—	ND	<1
RDX	CCV1	2 ppm	5/16/98	—	1	pink	0.211	—	—	—	1.89	95% OK
↓	BKG-MNH	BKG	5/16/98 1457	20.4	1	orange yellow	0.015	—	—	—	ND	<1

COMMENTS: All RDX were filtered before going into spec.

SIGNATURE(S): Paul Albano

QA CHECKED BY:

5/16/98

5/17

5/17

**TNT FIELD SCREENING LOGSHEET**

PROJECT NAME: Phase II RI @ WBG and Background Investigation  
 DELIVERY ORDER NO: 0060

SITE: Background, WPB9 DATE: 05/07/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
517 PDX	WPB921	WPB9	5/6/98 1549	21.1	1	clear	0.014	—	—	—	ND	<1
517 TNT	BK0806	—	5/6/98 1430	20.6	1	clear	0.006	—	—	—	ND	<1
	BK0818	—	5/5/98 1109	20.0	1	U	0.000	—	—	—	ND	<1
	BK0819	—	↓	20.6	1	U	0.001	—	—	—	ND	<1
	BK0827	—	5/4/98 1455	20.0	1	U	0.001	—	—	—	ND	<1
	BK0834	—	5/5/98 1245	20.3	1	U	0.001	—	—	—	ND	<1
	BK0835	—	1330	20.0	1	U	0.005	—	—	—	ND	<1
	WB0753	WPB9	1555	20.1	1	U	0.002	—	—	—	ND	<1
	WB0773	WPB9	1641	20.1	1	pink	0.289	0.008	0.016	0.273	1.43	7 ppm
	WB0927	WPB9	5/6/98 1544	20.2	1	pink	0.130	0.003	0.006	0.124	0.651	3 ppm
↓	WB0928	WPB9	↓	20.7	1	U	0.004	—	—	—	ND	<1

COMMENTS: All RDX were filtered before going into spectrophotometer

SIGNATURE(S): Paul Alkema QA CHECKED BY: \_\_\_\_\_

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: AG, WPBG

DATE: 05/07/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	0507LCS1	1ppm	5/7/98	20.2	1	CL	0.149				0.78	78% CL
RDX	BK0806	BK9	5/6/98 1430	20.6	1	clear neg clear	0.170				ND	<1
	BK0818			20.0	1	neg clear	0.208				ND	<1
	BK0819			20.6	1	neg clear	0.166				ND	<1
	BK0827			20.0	1	neg clear	0.192				ND	<1
	BK0834			20.3	1	neg clear	0.197				ND	<1
	BK0835			20.0	1	neg clear	0.196				ND	<1
	WP0753	WPBG		20.1	1	neg clear	0.238				ND	<1
	WP0773			20.1	1	pink	0.093				0.83	4ppm
	WP0927			20.2	1	pink	0.080				0.72	4ppm
	WP0928			20.7	1	neg clear	0.200				ND	<1

COMMENTS: Any RDX that were hits were filtered before run thru the spectrophotometer - otherwise they were not filtered

SIGNATURE(S): Paul Albanese

QA CHECKED BY: \_\_\_\_\_

**TNT FIELD SCREENING LOGSHEET**

PROJECT NAME: Phase II RI @ WBG and Background Investigation DELIVERY ORDER NO: 0060

SITE: WPBG DATE: 5/7/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXCT. COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
ROX	0507051	2 pm	5/7/98	20.2	1	cl	0.169				1.51	76% <u>OK</u>
TNT	WB0912	WPBG	5/6/98	20.1	1	cl	0.009				ND	< 1
	WB0913		10/26	20.6	1	yellow	0.027				ND	< 1
	WB0914		10/51	20.3	1	yellow	0.025				ND	< 1
	WB0916		11/29	20.2	1	yellow	0.056	0.060			ND	< 1
	WB0920		12/42	20.2	1	cl	0.044	0.041			ND	< 1
	WB0922		12/59	20.0	1	cl	0.000				ND	< 1
	WB0929		10/53	20.5	1	cl	0.000				ND	< 1
	WB0936		5/7/98	20.0	1	Slight yellow	0.010				ND	< 1
	WB0937		09/55	20.2	1	cl	0.015				ND	< 1
	WB0938		10/29	20.8	1	yellow	0.012				ND	< 1

COMMENTS:

SIGNATURE(S): Paul Roberts

QA CHECKED BY:

CROSSING

TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

SITE: WFBG

DATE: 5/7/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB %Z	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	CCV 1	1 ppm	5/7/98	N/A	1	0	0.154				0.81	81%
Rox	WB0917	WB06	5/10/98 0458	20.1	1	light pink	0.067				0.60	3 ppm
	WB0913		1026	20.6	1	light blue	0.279				ND	< 1
	WB0916		1124 1051	20.2	1	light blue	0.351				ND	< 1
	WB0920		1242 1129	20.2	1	0	0.314				ND	< 1
	WB0922		1259 1142	20.0	1	0	0.216				ND	< 1
	WB0924		1653 1159	20.5	1	0	0.217				ND	< 1
	WB0930		5/7/98 0436 1053	20.0	1	light pink	0.483				ND	< 1
	WB0937		5/7/98 0455	20.2	1	light pink	0.045				0.40	2 ppm
	WB0938		1029	20.4	1	light blue	0.435				ND	< 1
	WB0941		5/6/98 1051	20.3	1	light blue	0.234				ND	< 1

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COMMENTS: Only Rox that were hit were followed ~~before~~ before going thru spec.

SIGNATURE(S): Paul Albrecht

QA CHECKED BY:

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: WPB6

DATE: 05/07/98 - 05/08/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
RDX	CCV1	2 ppm	5/7/98	~0.8	1	CL	0.194	---	---	---	1.74	87% <u>OK</u>
TNT	<sup>2nd time</sup> WBP773	WPB6	5/5/98 1041	20.3	1	CL	0.371	0.031	0.062	0.309	1.62	8 ppm
	<sup>2nd time</sup> WBP912	WPB6	5/6/98 0958	20.2	1	CL	0.014	---	---	---	ND	CL
	WBP915		1109	20.4	1	yellow CL	0.045	0.041	---	---	ND	CL
	WBP917		1139	20.5	1	CL	0.005	---	---	---	ND	CL
	WBP918		1205 <del>1205</del>	20.4	1	yellow pink	0.181	0.039	0.078	0.103	0.54	2.7 <sup>not</sup> 3 ppm HIT
	WBP919		1225 <del>1225</del>	20.9	1	slight yellow	0.024	---	---	---	ND	CL
	WBP921		1245	21.6	1	CL	0.031	---	---	---	ND	CL
	<sup>2nd time</sup> WBP927		1544	20.3	1	CL pink	0.156	0.015	0.030	0.126	0.64	3.3 <sup>not</sup> 3 ppm HIT
	WBP930		1715	20.5	1	slight yellow CL	0.019	0.020	---	---	ND	CL
	WBP932		5/7/98 0841	21.0	1	slight yellow pink	0.066	0.025	0.050	0.016	0.084	CL

COMMENTS:

SIGNATURE(S): Paul Wilkins

QA CHECKED BY:



TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0080

SITE: WRB9, B9

DATE: 05/08/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTRACT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	WRB935 2nd time 937	WRB9	5/1/98 0911	20.9	1	CL pink	0.334	0.049	0.098	0.236	1.24	5.9 ppm 6 ppm
			5/1/98 0955	20.6	1	CL	0.009				ND	< 1
	BK9805	BK9	5/1/98 0941	20.6	1	CL dark yellow	0.358	0.142	0.284	0.074	0.39	2 ppm 2 ppm
	BK9808		5/1/98 0920	20.3	1	CL	0.002				ND	< 1
	BK9809		0955	21.0	1	CL	0.004				ND	< 1
	BK9810		0915	20.6	1	CL	0.002				ND	< 1
	BK9811		0930	20.1	1	CL	0.002				ND	< 1
	BK9826		5/1/98 0918	20.0	1	CL	0.006				ND	< 1
TNT	0508 451	1 ppm	5/1/98	20.2	1	CL	0.108	0.002			0.88	88%
TNT	CCV 1	1 ppm	5/8/98		1	CL	0.146				0.77	77%
RDX	2nd time WRB912	WRB9	5/6/98 0958	20.2	1	CL pink	0.041				0.37	2 ppm 2 ppm

COMMENTS:

QA CHECKED BY:

SIGNATURE(S): Paul Altkema

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**TNT FIELD SCREENING LOGSHEET**

PROJECT NAME: Phase II RI @ WBG and Background Investigation DELIVERY ORDER NO: 0060

SITE: W036, B166 DATE: 05/08/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
POX	W036 915	W036	5/14/98 1109	20.4		est. dark yellow	0.473				ND	<1
	W036 917		1137	20.5		CL C	0.302				ND	<1
	W036 918		1245	20.1		yellow	0.350				ND	<1
	W036 919		1225	20.9		Slight yellow	0.400				ND	<1
	W036 921		1245	21.6		CL C	0.262				ND	<1
G50	W036 930		1715	20.5		Slight yellow	0.371				ND	<1
	W036 932		5/17/98 0841	21.0		Slight yellow	0.317				ND	<1
	W036 935		0911	20.9		Slight yellow	0.30				ND	<1
	W036 937		0955	20.6		CL C	0.299				ND	<1
	B166 805	B166	5/14/98 0841	20.6		dark yellow	0.630				ND	<1
	B166 808		5/17/98 0920	20.3		CL CL	0.246				ND	<1

COMMENTS: Only POX that were pink with filtered paper going thru spec

SIGNATURE(S): Paul Alken QA CHECKED BY:

TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO. 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DATE: 05/09/98 - 5/09/98

SITE: BKG, WPB

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
POX	BK 809	BKG	5/1/98 0955	21.0	1	CL	0.268	—	—	—	ND	<1
	BK 810		0915	20.6	1	CL	0.251	—	—	—	ND	<1
	BK 811		0930	20.1	1	CL	0.265	—	—	—	ND	<1
	BK 826		5/6/98 0918	20.0	1	CL	0.303	—	—	—	ND	<1
↓	0508651	2ppm	5/8/98	20.2	1	CL	0.168	—	—	—	1.51	75%
	CV1	2ppm	5/8/98		1	CL	0.175	—	—	—	1.57	74%
TNT	WB 940	WPB	5/8/98 1533	20.2	1	CL	0.004	—	—	—	ND	<1
	WB 943	WPB	164	20.1	1	CL	0.003	—	—	—	ND	<1
	BK 822	BKG	0910	20.4	1	CL	0.003	—	—	—	ND	<1
	BK 823	BKG	1425	20.1	1	CL	0.004	—	—	—	ND	<1
↓	0509651	1ppm	5/1/98 0918	20.2	1	PK	0.148	—	—	—	0.78	78%

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5/9

COMMENTS:

SIGNATURE(S): Paul Albano

QA CHECKED BY:

TNT FIELD SCREENING LOGSHEET

DELIVERY ORDER NO: 0060

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DATE: 05/09/98

SITE: WPA9, BK9

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTCT COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC. (mg/L)	SAMPLE CONC. (ug/g)
TNT	0509LC52	1 ppm	5/9/98	2φ.5	1	CL	0.146				0.77	77% OK
	0509LC53	1 ppm		2φ.2	1	pink	0.151				0.79	79% OK
	0509LC54	1 ppm		2φ.4	1	pink	0.144				0.76	76% OK
	0509LC55	1 ppm		2φ.8	1	pink	0.143				0.75	75% OK
PDX	WPA940	STATS WPA9	5/9/98	2φ.2	1	CL	0.082				ND	LI
	WPA943	WPA9	16/14	2φ.1	1	CL	0.082				ND	LI
	PKφ822	BK9	6/9/9	2φ.4	1	CL	0.12φ				ND	LI
	BKφ823	BK9	14/25	2φ.1	1	CL	0.133				ND	LI
↓	P509CS1	7ppm	5/9/98	2φ.2	1	pink	0.236				2.11	105% OK
	Q509CS2	7ppm		2φ.5	1	pink	0.251				2.25	112% OK
	0509CS3	7ppm		2φ.2	1	pink	0.238				2.13	106% OK

COMMENTS:

QA CHECKED BY:

SIGNATURE(S): Paul Okuma

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Rc

TNT FIELD SCREENING LOGSHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

SITE: Lab controls

DATE: 05/03/98

ANALYTE	FIELD SAMPLE NO.	SITE ID NO.	DATE/TIME COLLECTED	SAMPLE WEIGHT (g)	DIL. COLUMN	EXTGT. COLOR	EXTRACT ABSORB	BCKGRD ABSORB	BCKGRD ABSORB X2	CORRECT EXTRACT ABSORB	EXTRACT CONC (mg/L)	SAMPLE CONC. (ug/g)
ROY ↓	0509LCS4	7ppm	5/9/98 ↓	20.4	1	Cl pale <i>ext. blue</i>	0.273				2.45	122% 120%
	0509LCS5	7ppm		24.8	1	Cl pale	0.269				2.41	
<del>AA R-18/5</del>												

COMMENTS:

SIGNATURE(S): Paul Albanese      QA CHECKED BY: \_\_\_\_\_

Verification Report for Chemical Data  
Ravenna Army Ammunition Plant Phase II RI

Verified & corrected  
8/20/98 DW

Code	Parameter	Name	Result	Error	Reporting Limit	Lab Validated	Reason Codes
LaboratoryField Lab			SDG FIELDLAB		Fraction	Explosives	
Sample ID WBGss-100-0689-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-101-0690-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-102-0691-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-103-0692-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-104-0693-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-105-0694-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-106-0695-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-107-0696-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-108-0697-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-110-0699-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-111-0700-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1.3			U	
121-82-4		RDX	1			U	
Sample ID WBGss-112-0701-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-113-0702-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-114-0703-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	4.0			U	
121-82-4		RDX	1			U	
Sample ID WBGss-115-0704-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-116-0705-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-117-0706-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	4			U	
Sample ID WBGss-118-0707-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	
Sample ID WBGss-119-0708-SO			Lab Sample ID		Results Type	Result from a normal analysis	
118-96-7		2,4,6-Trinitrotoluene	1			U	
121-82-4		RDX	1			U	

use 2nd run - per note and 8/20/98 run has 8.5 which is correct

**Verification Report for Chemical Data**  
**Ravenna Army Ammunition Plant Phase II RI**

Code	Parameter Name	Result	Error	Reporting Limit	Lab Validated	Reason Codes
<b>Sample ID WBGss-119-0708-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-120-0709-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1.5				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-121-0710-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-122-0711-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	3.4				Results Type    Result from a normal analysis
<b>Sample ID WBGss-123-0712-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-124-0713-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-135-0724-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-136-0725-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-125-0714-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-137-0726-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-138-0727-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-144-0733-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-109-0698-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-126-0715-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-129-0718-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	3.5				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-145-0734-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-139-0728-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-146-0735-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	3.9				Results Type    Result from a normal analysis
121-82-4	RDX	1				U
<b>Sample ID WBGss-130-0719-SO    Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1.5				Results Type    Result from a normal analysis
121-82-4	RDX	1				U

*pg 44* **1** *Non detect in comments* **NO RESULT** *ok 8/20/98 DN*

*ok 8/20/98 DN*

*ok 8/20/98 DN*

*ok 8/20/98 DN*

**6** *2nd run* **<1** *Use 2nd run* **U** *filed 8/20/98*

*will be rerun - pg 31* **U** *ok 8/20/98 DN*



**Verification Report for Chemical Data**  
**Ravenna Army Ammunition Plant Phase II RI**

Code	Parameter Name	Result	Error	Reporting Limit	Lab Validated	Reason Codes
	<b>Sample ID WBGss-147-0736-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGss-140-0729-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	6.2			U	
	<b>Sample ID WBGss-148-0737-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	2.6			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGss-131-0720-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGss-149-0738-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1.6			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGss-150-0739-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGss-127-0716-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGss-132-0721-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGss-141-0730-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1.6			U	
	<b>Sample ID WBGss-133-0722-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGss-142-0731-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1.55			U	
	<b>Sample ID WBGss-134-0723-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGsd-155(d)-0744-S</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGsd-156(d)-0745-S</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGss-128-0717-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	3.7			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGsd-157(d)-0746-S</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGss-143-0732-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGsd-158(p)-0747-S</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGso-070-0748-SO</b>	<b>Lab Sample ID</b>		<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	2.3			U	
121-82-4	RDX	1			U	
	<b>Sample ID WBGso-070-0749-SO</b>	<b>Lab Sample ID</b>	G-56	<b>Results Type</b>	<b>Result from a normal analysis</b>	
118-96-7	2,4,6-Trinitrotoluene	3			U	



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Code	Parameter Name	Result	Error	Reporting Limit	Lab Validated	Reason Codes
<b>Sample ID WBGso-070-0749-SO Lab Sample ID</b>						
121-82-4	RDX	1			U	Results Type Result from a normal analysis
<b>Sample ID WBGso-069-0750-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	4				Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-069-0751-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	8				Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-073-0752-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	3				Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-054-0753-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-055-0754-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-055-0755-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-057-0756-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	2				Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-057-0757-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-062-0758-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-062-0759-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-059-0760-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-037-0761-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-185-0762-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1.5				Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-035-0763-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-006-0764-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-005-0765-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-107-0766-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1			U	
<b>Sample ID WBGso-122-0767-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1			U	Results Type Result from a normal analysis
121-82-4	RDX	1	G-57		U	

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Code	Parameter	Name	Result	Error	Reporting Limit	Lab Validated	Reason Codes
<b>Sample ID WBGso-168-0768-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID WBGso-140-0769-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID WBGso-186-0770-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		23				Results Type Result from a normal analysis
121-82-4	RDX		20.5				U
<b>Sample ID WBGso-141-0771-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID WBGso-142-0772-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID WBGso-168-0773-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		8				Results Type Result from a normal analysis
121-82-4	RDX		4				U
<b>Sample ID BKGss-001(b)-0784-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGss-003(b)-0786-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		24				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGss-006(b)-0789-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		24				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGss-007(b)-0790-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGss-009(b)-0792-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGss-011(b)-0794-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGss-013(b)-0796-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGss-015(b)-0798-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGsd-001(d)-0799-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGsd-002(d)-0800-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGsd-003(d)-0801-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGsd-004(d)-0802-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis
121-82-4	RDX		1				U
<b>Sample ID BKGsd-005(d)-0803-SO Lab Sample ID</b>							
118-96-7	2,4,6-Trinitrotoluene		1				Results Type Result from a normal analysis

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Code	Parameter Name	Result	Error	Reporting Limit	Lab Validated	Reason Codes
<b>Sample ID BKGsd-005(d)-0803-SD Lab Sample ID</b>						
121-82-4	RDX	1				
<b>Sample ID BKGsd-006(d)-0804-SD Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGsd-007(d)-0805-SD Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-001(b)-0806-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-002(b)-0808-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-002(b)-0809-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-003(b)-0810-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-003(b)-0811-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-004(b)-0812-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-004(b)-0813-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-005(b)-0814-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
<b>Sample ID BKGso-005(b)-0815-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
<b>Sample ID BKGso-006(b)-0816-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-006(b)-0817-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-007(b)-0818-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-007(b)-0819-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-008(b)-0820-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
<b>Sample ID BKGso-008(b)-0821-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-009(b)-0822-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				
<b>Sample ID BKGso-009(b)-0823-SO Lab Sample ID</b>						
118-96-7	2,4,6-Trinitrotoluene	1				
121-82-4	RDX	1				

*RDX NOT HERE*  
*verified on screen 8-20-98 DN*

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Code	Parameter Name	Result	Error	Reporting Limit	Lab Validated	Reason Codes
<b>Sample ID BKGso-010(b)-0824-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID BKGso-010(b)-0825-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID BKGso-011(b)-0826-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID BKGso-011(b)-0827-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID BKGso-012(b)-0828-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID BKGso-012(b)-0829-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID BKGso-014(b)-0832-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID BKGso-014(b)-0833-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID BKGso-015(b)-0834-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID BKGso-015(b)-0835-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID WBGss-169-0884-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID WBGss-178-0890-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID WBGss-170-0881-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID WBGss-171-0882-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID WBGss-172-0883-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID WBGss-173-0885-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID WBGss-174-0886-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID WBGss-175-0887-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1			U	
121-82-4	RDX	1			U	
<b>Sample ID WBGss-176-0888-SO Lab Sample ID</b>						<b>Results Type Result from a normal analysis</b>
118-96-7	2,4,6-Trinitrotoluene	1	G-60		U	

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Code	Parameter	Name	Result	Error	Reporting Limit	Lab Validated	Reason Codes
121-82-4	Sample ID WBGss-176-0888-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	RDX		1			U	
118-96-7	Sample ID WBGss-177-0889-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGss-179-0891-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGss-187-0912-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGss-188-0913-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGss-189-0914-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGss-190-0915-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGss-191-0916-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGss-192-0917-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGso-188-0918-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		3			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGso-189-0919-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGso-190-0920-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGso-191-0921-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGso-192-0922-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGso-186-0927-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		4			U	
121-82-4	RDX		4			U	
118-96-7	Sample ID WBGso-178-0928-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGso-192-0929-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGso-190-0930-FD	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
118-96-7	Sample ID WBGss-193-0932-SO	Lab Sample ID			Results Type	Result from a normal analysis	
	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	

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*3 pg 91*

*corrected 8/20/96 DK*

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Code	Parameter	Name	Result	Error	Reporting Limit	Lab Validated	Reason Codes
<b>Sample ID WBGss-194-0935-SO</b>		<b>Lab Sample ID</b>	<b>Results Type</b>		<b>Result from a normal analysis</b>		
118-96-7	2,4,6-Trinitrotoluene		6			U	
121-82-4	RDX					U	
<b>Sample ID WBGss-195-0936-SO</b>		<b>Lab Sample ID</b>	<b>Results Type</b>		<b>Result from a normal analysis</b>		
118-96-7	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
<b>Sample ID WBGss-196-0937-SO</b>		<b>Lab Sample ID</b>	<b>Results Type</b>		<b>Result from a normal analysis</b>		
118-96-7	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
<b>Sample ID WBGss-187-0940-SO</b>		<b>Lab Sample ID</b>	<b>Results Type</b>		<b>Result from a normal analysis</b>		
118-96-7	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	
<b>Sample ID WBGss-196-0943-SO</b>		<b>Lab Sample ID</b>	<b>Results Type</b>		<b>Result from a normal analysis</b>		
118-96-7	2,4,6-Trinitrotoluene		1			U	
121-82-4	RDX		1			U	

*2nd run - 1 2 88 91*

4/21  
CAL  
CUROR

**ULTRA SCIENTIFIC** 250 Smith St., North Kingstown, RI 02852  
401-294-9400  
2,4,6-Trinitrotoluene Solution  
EPA-1243 1 mL  
1000 ug/mL in Acetonitrile  
Lot No. J-0425 Exp. Date 9/98

LAB USE ONLY

Task Activity

4/21  
CAL STD.

**ULTRA SCIENTIFIC** 250 Smith St., North Kingstown, RI 02852  
401-294-9400  
RDX Solution  
EPA-1233 1 mL  
1000 ug/mL in Acetonitrile  
Lot No. J-0473 Exp. Date 6/99

LAB USE ONLY

4/22  
CAL  
INT STD

**ULTRA SCIENTIFIC** 250 Smith St., North Kingstown, RI 02852  
401-294-9400  
2,4,6-Trinitrotoluene Solution  
EPA-1243 1 mL  
1000 ug/mL in Acetonitrile  
Lot No. J-0425 Exp. Date 9/98

LAB USE ONLY

4/22  
NEW  
CAL CUROR

**ULTRA SCIENTIFIC** 250 Smith St., North Kingstown, RI 02852  
401-294-9400  
RDX Solution  
EPA-1233 1 mL  
1000 ug/mL in Acetonitrile  
Lot No. J-0473 Exp. Date 6/99

LAB USE ONLY

4/24/98  
CAL STD

**ULTRA SCIENTIFIC** 250 Smith St., North Kingstown, RI 02852  
401-294-9400  
RDX Solution  
EPA-1233 1 mL  
1000 ug/mL in Acetonitrile  
Lot No. J-0473 Exp. Date 6/99

LAB USE ONLY

4/24/98  
CAL STD

**ULTRA SCIENTIFIC** 250 Smith St., North Kingstown, RI 02852  
401-294-9400  
RDX Solution  
EPA-1233 1 mL  
1000 ug/mL in Acetonitrile  
Lot No. J-0473 Exp. Date 6/99

LAB USE ONLY

4/24/98  
CAL STD

**ULTRA SCIENTIFIC** 250 Smith St., North Kingstown, RI 02852  
401-294-9400  
2,4,6-Trinitrotoluene Solution  
EPA-1243 1 mL  
1000 ug/mL in Acetonitrile  
Lot No. J-0425 Exp. Date 9/98

LAB USE ONLY



**ULTRA SCIENTIFIC**

250 Smith St., North Kingstown, RI 02852  
401-294-9400

RDX Solution

EPA-1233

1 mL

1000 ug/mL in Acetonitrile

LAB USE ONLY

Lot No. J-0473

Exp. Date 6/99

**ULTRA SCIENTIFIC**

250 Smith St., North Kingstown, RI 02852  
401-294-9400

RDX Solution

EPA-1233

1 mL

1000 ug/mL in Acetonitrile

LAB USE ONLY

*cal std 5/4/98*

Lot No. J-0473

Exp. Date 6/99

**ULTRA SCIENTIFIC**

250 Smith St., North Kingstown, RI 02852  
401-294-9400

2,4,6-Trinitrotoluene Solution

EPA-1243

1 mL

1000 ug/mL in Acetonitrile

LAB USE ONLY

*cal std 5/4/98*

Lot No. J-0425

Exp. Date 9/98

**ULTRA SCIENTIFIC**

250 Smith St., North Kingstown, RI 02852  
401-294-9400

RDX Solution

EPA-1233

1 mL

1000 ug/mL in Acetonitrile

LAB USE ONLY

*cal std 5/4/98*

Lot No. J-0473

Exp. Date 6/99

**ULTRA SCIENTIFIC**

250 Smith St., North Kingstown, RI 02852  
401-294-9400

2,4,6-Trinitrotoluene Solution

EPA-1243

1 mL

1000 ug/mL in Acetonitrile

LAB USE ONLY

*cal std 5/4/98*

Lot No. J-0425

Exp. Date 9/98

**ULTRA SCIENTIFIC**

250 Smith St., North Kingstown, RI 02852  
401-294-9400

RDX Solution

EPA-1233

1 mL

1000 ug/mL in Acetonitrile

LAB USE ONLY

*cal std 5/4/98*

Lot No. J-0473

Exp. Date 6/99

**ULTRA SCIENTIFIC**

250 Smith St., North Kingstown, RI 02852  
401-294-9400

RDX Solution

EPA-1233

1 mL

1000 ug/mL in Acetonitrile

LAB USE ONLY

*cal std 5/4/98*

Lot No. J-0473

Exp. Date 6/99

**ULTRA SCIENTIFIC**

250 Smith St., North Kingstown, RI 02852  
401-294-9400

2,4,6-Trinitrotoluene Solution

EPA-1243

1 mL

1000 ug/mL in Acetonitrile

LAB USE ONLY

*cal std 5/9/98*

Lot No. J-0425

Exp. Date 9/98

G-64



Date (mm/dd/yy): 04/24/98

Su (M) Tu W Th F Sa

PAGE 1 OF 2

Task Team Members:

Juan Alvarado

4-21/98

Doug Atrey Perry

Narrative (include time and location):

0700 Arrive site. Begin to set up site office and lab. Most equipment in except Aluminum cartridge. Equipment changes that may increase efficiency as well as vials and adaptable filters also micro pipets (digital pipette and tips).

Note: RSD standard in acetone/water, may be a problem because acetone/water is organic nitrate based and may bias stds (high).

Note: Standards are packaged in 1ml ampules, but total volume may be 1.2 to 1.4 ml.

Problem: What QA/QC criteria goals are set (i.e., what will the data be used for)? Per Kathy Romnick methodology planned will be used to set drill rig only.

Steve Sebastian concurred and added that 1 ppm range must be achieved. S. Sebastian indicated that analysis for TWT + DWT (run 1/97) and QA/QC accompany

aily Weather Conditions: A.M. Mostly Sunny / breezy / 40°F

P.M. Mostly Sunny / calm / 70°F

Recorded By: Juan Alvarado QA Checked By: Paul Alvarado

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

Date (mm/dd/yy): 6/26/98

Su  M Tu W Th F Sa

PAGE 2 OF 2

Task Team Members:

Juan Alvarado

Doug Perry 4/26/98  
Doug Perry

Narrative (include time and location):

should suffice. Based on that we will run as the  
"197 analysis for TNT. Standard preparations and  
sample filtration will be reviewed, and adjusted  
accordingly.

4/26 4/30/98

Daily Weather Conditions: A.M. NA

P.M. NA

Recorded By

Juan Alvarado

QA Checked By

Paul Albemarle

Date (mm/dd/yyyy): 04/21/98

Su M Tu W Th F Sa

PAGE 1 OF 3

Task Team Members:

Juan Alvarado

Daisy Peery

## Narrative (include time and location):

0700 Arrive site inventory <sup>48</sup> 18 gal x 125 ml vial w/cap; 78 x 30 ml vial w/cap (linear to discount); 7 x 100 ml Grad cylinders; 3 x 10 ml Grad pipet; 2 x 1 ml Grad pipet; 3 x 10 ml pipet; 19 x 100 ml vol flask; 3 pipet bulbs; 150 ml plastic bottles x 246; 100 ml steel 5 x 1 ml; TNT steel 8 x 1 ml; 500g x 1 Zn; -500g x 1 Massey; -500g KOH; 5 x 1 gal Acetone; 1 x 1 gal Acetic Acid

0930 began making standards TNT 0.1, 0.2, 0.7, 3.0 + 4.0 ppm in a 95% water/5% 5% H<sub>2</sub>O. Reaction

was very too slow some type of development problem as

11/97 sampling. Will try using 8% H<sub>2</sub>O next in standards

11/97 reagent used in TNT test was sodium sulfate \*

this is incorrect. Need to use Sodium SULFITE.

Also we did not make right concentrations we diluted

by a factor 10 actual had 0.01, 0.02, 0.07, 0.3 and

0.4 ppm. Transfer steel

Daily Weather Conditions: A.M. Mostly sunny 45°F calm

P.M. not

Recorded By Juan Alvarado

QA Checked By Paul Alvarado

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

Date (mm/dd/yy): 04/21/98  
Task Team Members:

Su M W Th F Sa

PAGE 2 OF 3

Juan Alvarado

Peery, Doug

Narrative (include time and location):

1300 still working on stel. 1<sup>st</sup> sample in BK-0796

1300 TWT <sup>14/21/98</sup> ~~sub~~ curve established 10 min color development.

TWT RF = 5.62

1330 Working on 10X curve  $\frac{5 \text{ ml acetone}}{5 \text{ ml Acetic Acid}} \Rightarrow 10 \text{ ml}$

10 ml Acetic/Acetone in filter

5 ml of filtered Acetic/Acetone

20 ml H<sub>2</sub>O + 5 ml Acetic/Acetone

\*<sup>+</sup> Questions: does method take into account these "dilutions" in standardization curves. Mike is out couldn't get a hold of Tom Jenkins. Stel conc made up were 0.1, 0.2, 0.7, 2.0 and 2.5 ppm. There was no color change in 0.1 then 0.7 stel very slight pink in 2.0 stel and a slight pink color in 2.5 stel. 2.5 stel appear the same intensity as 0.2 stel in TWT course. \*<sup>+</sup> Question what is the low end of this method (detection limit). Equipment ordered acetone

Daily Weather Conditions: A.M. NA

P.M. 70°F mostly sunny slight breeze

Recorded By

Juan Alvarado

G-68

QA Checked By

Paul Alkema

Date (mm/dd/yy): 04/21/98

Su M  W Th F Sa

PAGE 3 OF 2

Task Team Members:

Susan Alvarado

Doug Terry

Narrative (include time and location):

in method 10 x 1 ml std, 6 x 10 ml grad cylinder, 6 x 50 ml grad cylinders, single piece eye dropper 10 ml, 3 x 250 ml beakers all made of polypropylene. Also tongue depressors.

1745 Things to do tomorrow ① determine range of PAX method ② set curve ③ extract yesterday samples ④ run continuing calibration <sup>sample</sup> ~~method~~ for 4/21/98 ⑤ run TAT samples.

1800 EOA for 4/21/98

End of day (EOD)

~~for 4/21/98~~

Daily Weather Conditions: A.M.

P.M.

JA

Recorded By

*[Signature]*

QA Checked By

*[Signature]*

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

Date (mm/dd/yy): 04/22/98

Su M Tu W Th F Sa

PAGE 1 OF 3

Task Team Members:

Juan Alvarado

Doug Peery

Narrative (include time and location):

0700 Arrive site <sup>4/22/98</sup> Zero instrument Hectare. Scale calibrate

0870 New stock solution for CCV x CCV @ 0.5 ppm

LES spiked at level of 10 ppm stock sol = 0.5 ppm  
in final extract.

<sup>4/22/98</sup> 009 TNT CCV A = ~~0.009~~ <sup>0.098</sup> @ 0.5 ppm RF = <sup>5.10</sup> ~~5.62~~ RF = 5.62  
-9.2% <sup>5.10</sup>  
CCV rpt % ASD = ~~0~~ DAILY RF = <sup>5.10</sup> ~~5.62~~ TNT  
<sup>5/22/98</sup> <sup>5/22/98</sup>

1100 LES1 indicated on 16070 recovery a CCV was repou immediately  
after with 11320 recovery. Not sure why. sample exhibited  
0 hits therefore not impacted. note: procedure indicates  
to use a daily RF to calculate values with CCV. This only  
shows system is still calibrated. The calibration RF should be  
used because more variability over the range of <sup>std.</sup> ~~samples~~ <sup>4/22/98</sup>  
We will use the RF. Tom Jenkins called John Gent  
(both Corps) and indicated that RDX is a problem. We are

Daily Weather Conditions: A.M. mostly sunny 50°F

P.M.

Recorded By

Juan Alvarado

G-70

QA Checked By

Paul Alvarado

Date (mm/dd/yy): 04/22/98

Su M Tu W Th F Sa

PAGE 2 OF 3

Task Team Members:

Juan Alvarado

Doug Peery

Narrative (include time and location):

Still having problems with ROX. Action Items: ROX will be run on a qualitative basis not quantitative.

1545 Run BK 0796 through basic ROX. Acetone extract thru Alumin A ion exchange added acetic acid mixed with Zn 15-30 sec filtered through 0.45 micron 150 ml disposable filter then into 20 ml DI H<sub>2</sub>O, added NitroVer 3 and shaken. Red color developed.

1800 BK 0794 same process as above in BK 0796 no color change.

A blank ROX (acetone only) run no color change.

A 7 ppm steel ROX sample run no color change.

NOTE: 150 ml disposable filters 0.45 micron is NOT adequate

Zn powder made it through. Also in TWT sample bottom of cuvette had silt on bottom indicating filter not good. It appears

that filter type is no good although work with TWT & DWT

@ RAAP 1/97 and work @ DWA0 or ALAP indicated filters OK.

Daily Weather Conditions: A.M. NAP.M. cloudy / windy / 65° FRecorded By Juan AlvaradoQA Checked By Paul Alvarado

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

Date (mm/dd/yy): 04/22/98  
Task Team Members:

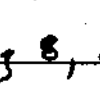
Su M Tu W Th F Sa

PAGE 3 OF 3

Sven Alvarado

Davy Peery

Narrative (include time and location):

Cold fiellence in NOX method is lost. A stel wire was attempted with 1, 3, 5, 7 and 10 ppm response was non linear (see pg 8, ). From Corps personnel Tom Jenkins method is not easy. Zn contact time is critical therefore filtration and Zn powder must be changed. Note: Disposable filter, filter is made of celolose nitrate soluble in acetone. Zn powder is not the best choice Zn grains is preferred. Also Jenkins indicated the SOI kit is a better choice due to Zn handling. If Zn is allowed to sit in atmosphere moisture will effect Zn catalyst properties. Stel used is in acetone/triethylamine which may contribute to a false positive. Met with Steve Selatman and indicated that NOX method is not achievable in present form. Even in a qualitative method can't see if false positive or false.

1998 EOD

Daily Weather Conditions: A.M. \_\_\_\_\_

P.M. NA

Recorded By Sven Alvarado

G-72

QA Checked By Paul Alkema



Date (mm/dd/yy): 04/23/98  
Task Team Members:

Su M Tu W Th F Sa

PAGE 1 OF 1

Juan Alvarado

Dave Perry

Narrative (include time and location):

0710 Arrive site zero spec / calibrate scale

Met with corps contracted with Tom Jenkins and Mary Ann Walsh. Indicated chemicals and equipment needed. We have reagents filter is the problem LIX in acetone/water shouldn't be a problem and they used Zn dust.

1045 back in F1036 Decan gather & order supplies

1115 receive filter and running TNT.

1245 and now begin weigh soils & decan

1630 and TNT runs 38 WP samples run 4 hits W00229, W00230, W00231

W00211 & back ground samples run. Waiting for equipment to run LIX

1800 EOD

~~7/11~~

Daily Weather Conditions: A.M. Mostly Sunny 75°F calm

P.M. Sunny 65°F breezy

Recorded By Juan A. Alvarado QA Checked By Paul Alkema

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO:

Date (mm/dd/yy): 04/24/98

Su M Tu W Th F Sa

PAGE 1 OF 1

Task Team Members:

Juan Alvarado

Doug Peary

Narrative (include time and location):

0700 Arrive site zero spec balance calibrated

set up for TNT

1030

Bope ROK equipment arrives

1220

Trial run 10 ppm stand  $\phi$ . 231 Absorbance

1420

First cal. try  $\phi$ . 1  $\phi$ . 114 RF =  $\phi$ . 88

$\phi$ . 2  $\phi$ . 095 RF = 2.11

$\phi$ . 7  $\phi$ . 070 RF = 10.0

5.0  $\phi$ . 477 RF = 10.5

10.0  $\phi$ . 999 RF = 10.0

$\bar{RF} = 6.7$

$\sigma_{RF} = 63\%$  outside  $\pm 25$

Switch std size and mixing method

0.1 -  $\phi$ . 044

2 -  $\phi$ . 248

3.5 -  $\phi$ . 398

0.2 -  $\phi$ . 053

7 -  $\phi$ . 777

0.7 -  $\phi$ . 108

5 -  $\phi$ . 085

1800 ECD

Daily Weather Conditions: A.M. Sunny 45°F calm

P.M. NA

Recorded By Juan Alvarado

QA Checked By Paul Alvarado

Date (mm/dd/yy): 04/25/98

Su M Tu W Th F (Sa)

PAGE 1 OF 2

Task Team Members:

Juan Alvarez

Dave Peery

Paul Alkema

Narrative (include time and location):

0700 Arrive site zero spec. cal balance  
set TNT curve

0830 both RDX and TNT curve set. Start TNT run

0930 Start RDX run

1230 lunch

1300 samples brought in and used both RDX and TNT run on  
plan first

1815 Many hits Totals

TNT

RDX

WB0729

WB0755

OK0794

WB0725

WB0703

WB0707

WB0730

WB0720

OK0796

WB0727

WB0704

WB0731

WB0721

WB0728

WB0705

WB0750

WB0722

WB0710

WB0708

WB0751

WB0723

WB0712

WB0715

WB0711

WB0724

WB0713

WB0732

Daily Weather Conditions: A.M. Sunny - calm 40°F

P.M. Mostly sunny slight breeze 65°F

Recorded By Juan Alvarez

QA Checked By Paul Alkema

QA CHECKED BY: Paul Alkema

SIGNATURE(S): Juan Alvarez

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 00

Date (mm/dd/yy): 6/25/98  
Task Team Members:

Su M Tu W Th F (Sa)

PAGE 2 OF 2

Juan Alvarado

Doug Peery

Paul Alkema

Narrative (include time and location):

1960 For RDX lower limits seems to be above  
2 ppm in soil and more variable for TNT there  
seems to be interference from ~ 3.5 ppm (soil) and  
less use of the pink color is used to verify low  
values for TNT.

Doug P. notes that RDX test does not  
key on RDX compound specifically but on a more  
generic nitrogen compound found in other explosives  
and break down products. possible interference  
false positives?

FOD To errors in plan  
① 0.5 Acetic Acid of 5ml  
②  $C = (Abs)(RF) / C = Abs / RF$   
③ Zn step time critical

Apr 4/25/98

Daily Weather Conditions: A.M. sunny calm 45°F

P.M. mostly sunny slight breeze 65°F

Recorded By

Juan Alvarado

G-76 ed By

Date (mm/dd/yy): 04/26/98  
Task Team Members:

(Su) M Tu W Th F Sa

PAGE 1 OF 2

Juan Alvarado

Doug Perry

Paul Alkema

Narrative (include time and location):

0700 Arrive site zero spec on balance  
close border line TNT)

1130 run two previous samples WP0720 and WP0722 for RDX  
(sample ID WP0720S and WP0722S) without Ion exchange,  
original samples were 15 ppm + 5 ppm without Ion exchange  
results were 0720 60 ppm and 0722 9 ppm.

\* NOTE: <sup>Previous</sup> ~~Previous~~ extract problem <sup>All</sup> ~~most~~ RDX hits are  
from previous extracts through old filter type and give  
false positives of 5 ppm. It may be from many different  
items plastic break down or filter break down from  
filter don't know. To run <sup>the</sup> ~~WP07~~ BK0794 and BK0796  
both indicated 6 ppm + 5 ppm respectively. After running with  
new filters (extractions and column) ND were <sup>the</sup> ~~not~~  
indicated. To correct old samples subtract 5 ppm  
all samples less than 0 will be non detect.

Daily Weather Conditions: A.M. 47°F cloudy main breeze

P.M. 45°F cloudy main breeze

Recorded By *Juan Alvarado*

QA Checked By *Paul Alkema*

QA CHECKED BY: Paul Alkema

SIGNATURE(S): Juan Alvarado

## TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0068

Date (mm/dd/yy): 4/26/98

Su M Tu W Th F Sa

PAGE 2 OF 2

Task Team Members:

Juan Alvarado

Doug Peery

Paul Alkema

Narrative (include time and location):

All hits higher than 5 ppm will be re-run. All back ground samples will be re-run. As of EOD 4/26/98 results for hits are as follows

TNT

AOX

WB#711 3 ppm

WB#686 ~~8~~ 9 ppm

WB#729 6 ppm

WB#730 1<sup>st</sup> 62 ppm

WB#731 135 ppm

WB#750 4 ppm

WB#751 8 ppm

Note: Ion exchange columns - samples are gravity fed through column fastest time 4ml in 1 week average time is about 2.5 min/ml.

1800 EOD

Daily Weather Conditions: A.M. 47°F cloudy rain breeze

P.M. 45°F cloudy rain breeze

Recorded By

Paul Alkema

G-78

On Approved By

Paul Alkema

Date (mm/dd/yy): 04/27/98

Su  M Tu W Th F Sa

PAGE 1 OF 1

Task Team Members:

Juan Alvarado

Doug Peery

Paul Alkema

Narrative (include time and location):

0700 Arrive site zero spectrometer calibrate balance  
run samples from yesterday

0900 battery dead on scale went to go get batteries

1230 lunch

1400 run miscelgy samples and dups

1730 no hits today clean up

1800 EOD

QA CHECKED BY: Paul Alkema

~~\_\_\_\_\_~~

Daily Weather Conditions: A.M.

Clear cold 35°F breezy

P.M.

Clear cool breezy 50°F

Recorded By

Juan Alvarado

QA Checked By

Paul Alkema

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 000

Date (mm/dd/yy): 4/28/98

Su M Tu W Th F Sa

PAGE 1 OF 2

Task Team Members:

Juan Alvarado

Doug Peery

Paul Alkema

Narrative (include time and location):

700 Active site zero instrument cal balance

QC samples

TWT

RPD

WB07290 ~ 29 ppm WB0729 6 29%

WB07110 1 ppm WB0711 3 100%

WB07500 3 ppm WB0750 4 28%

WB07510 2 ppm WB0751 8 ppm 120%

ROX

WB06960 15 ppm WB0696 9 50%

BK07960 00 BK0796 00

BK07940 00 BK0794 00

1100 @ this time to 100 samples run for TWT and 98 samples run for ROX. Some ROX samples were run when TWT was found due to lab sample flow (easier to run).

1445 WB0751 run in triplicate 2 ppm, 8 ppm and 3 ppm avg 4 ppm = 40%

Daily Weather Conditions: A.M. clear cool 75°F

P.M. clear cool breezy 50°F

Recorded By

Juan Alvarado

G-80

ced By

Paul Alkema



Date (mm/dd/yy): 04/23/98

Su M Tu W Th F Sa

PAGE 2 OF 2

Task Team Members:

Juan Alvarado

Doug Peery

Paul Alkamen

Narrative (include time and location):

1700 W04270 hit in TWT end NOX

1800 EOD

*yes*

Daily Weather Conditions: A.M.

P.M. cool clear breezy

Recorded By

*Juan Alvarado*

QA Checked By

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 000

Date (mm/dd/yy): 04/29/98  
Task Team Members:

Su M Tu W Th F Sa

PAGE 1 OF

Juan Alvarez

Doug Peery

Paul Atkaman

Narrative (include time and location):

0715 Arrive site zero instrument cal scale

1000 ion samples from yesterday 2 + today 1

1300 clean up

supplies to get <sup>2 box</sup> ion exchange <sup>Wjaco</sup> 57083-U  
<sup>3<sup>rd</sup> place</sup> <sup>LC-Alumina-A SPE tubes</sup>  
<sup>1<sup>st</sup> place</sup> <sup>EPA-1243 TNT</sup>  
<sup>1<sup>st</sup> place</sup> <sup>std. EPA-1253 RDX</sup>  
<sup>1<sup>st</sup> place</sup> <sup>nitrite agent</sup> <sup>MO655-99</sup>

Hits

TNT

RDX

WB 0711	3 ppm	WB 0696	9 ppm
WB 0729	6 ppm	WB 0768	4.5 ppm
WB 0730	2 ppm		
WB 0731	135 ppm		
WB 0750	4 ppm		
WB 0751	8 ppm		
WB 0760	437 ppm		
WB 0770	45 ppm		

Daily Weather Conditions: A.M. 45° F clear calm

P.M.

Recorded By Juan Alvarez

G-82

QA Checked By

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

Date (mm/dd/yy): 05/04/98

Su (M) Tu W Th F Sa

PAGE 1 OF 2

Task Team Members:

Paul Alkeme

Narrative (include time and location):

0830 - prepare lab to begin field analysis, ~~calibrate~~<sup>PM</sup> / zero spec. / cal. scale

0900 - run / prepare standard curves for RDX and TNT

TNT/RDX cal curve from 10ppm stock solution

Final CONC ppm	ml H <sub>2</sub> O	Final VOL	Transfer VOL ml (stock sol)
0.5	3	100	5.0
0.7	3	100	7.0
2.0	3	100	20.0
4.0	3	100	40.0
7.0	3	100	70.0
1.2	3	100	2.0
0.7	3	100	7.0
2.0	3	100	20.0
4.0	3	100	40.0
7.0	3	100	70.0

Daily Weather Conditions: A.M. 40°F cloudy

P.M. 60°F cloudy

Recorded By Paul Alkeme

QA Checked By

70

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO:

Date (mm/dd/yy): 5/4/98

Su (M) Tu W Th F Sa

PAGE 2 OF 2

Task Team Members:

Paul Alkemo

Narrative (include time and location):

RDX Stock solution 1ml 10000 ug/ml in Acetonitrile, fill to volume with acetone in 100ml volumetric flask

TNT Stock solution 1ml 10000 ug/ml in Acetonitrile, fill to volume with acetone in 100ml volumetric flask

1130 Begin extracting samples BKG MWA, BKG MWB, BKG MWC, BKG MWD, B504LCS1 (lab control)

1205 Finish TNT background

1215 Finish TNT analysis no hits, lab control at 77%

1230 Finish ion exchange for RDX

1345 Finish RDX analysis, EOD in lab

5/4/98

PA

Daily Weather Conditions: A.M. 40°F Cloudy

P.M. 60°F Cloudy

Recorded By

Paul Alkemo

G-84 A Checked By

Date (mm/dd/yy): 05/05/98

Su M Tu W Th F Sa

PAGE 1 OF 1

Task Team Members:

Paul Alkema

Joe Wilson

Martina Clough

Narrative (include time and location):

0750 arrive lab, zero spec, calibrate scale

0815 Weigh samples and begin extraction for:

0585LCS1, WB0881, WB0882, WB0883, WB0885, WB0886,  
WB0887, WB0888, WB0889, WB0890, BK0814, BK0815, CCV1

0900 Begin TNT analysis

1030 Begin RDX analysis

1145 Finish sample analysis

1415 begin extraction for samples BKGMWE, BKGMWF, CCV2.

Also do duplicate for WB0768 TNT and WB0890 TNT.

Dilute WB0769 1:100

1630 Clean up; EOD

PA 5/5/98

Daily Weather Conditions: A.M. 45°F Over cast

P.M. 55°F Over cast

Recorded By

Paul Alkema

QA Checked By

- 74

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0088

Date (mm/dd/yy): 05/06/98

Su M Tu W Th F Sa

PAGE 1 OF 1

Task Team Members:

Paul Alkema

Narrative (include time and location):

0740 Calibrate spec. and zero scale, begin extraction of samples BK6-G, WB0891; also run CCV

0820 Finished TNT analysis - no hits; TNT CCV had 96% recovery

0915 Finished RDX analysis - no hits; RDX CCV had 76% recover

0930 EDD FOR THE LAB

~~Large diagonal line crossing out the remaining lines of the log sheet.~~

6/98  
PA

Daily Weather Conditions: A.M. 40 Misty Fog

P.M.

Recorded By Paul Alkema

G-86  
UA Checked By

Date (mm/dd/yy): 05/07/98

Su M Tu W Th F Sa

PAGE 1 OF 2

Task Team Members:

Paul Atkema

Joe Wilson

Narrative (include time and location):

- 0700 calibrate spec/zero scale
- 0745 - extract samples BEGMW I and BEGMW II, also prepare CCUs for TNT and RDX
- 0815 No hits for BEGMW I or BEGMW II; begin extraction/analysis for 0507 LCS1, WB0753, BK0818, WB0773, BK0819, BK0835 WB0928, BK0834, WB0927, BK0806, BK0827
- 1000 Finish TNT analysis - 2 hits WB0773, WB0927; begin RDX analysis
- 1200 Finish RDX analysis - WB0773 & WB0927 positive hits
- 1310 Begin extraction for samples WB0912, WB0914, WB0913, WB0937, WB0929, WB0916, WB0922, WB0936, WB0938, WB0920; also prepare boron TNT CCU and RDX CCU
- 1445 Finish TNT analysis - no hits
- 1430 Finish RDX analysis - 2 hits WB0912, WB0937

Daily Weather Conditions: A.M. 40°F Clear

P.M. 60°F overcast

Recorded By Paul Atkema

QA Checked By

Date (mm/dd/yy): 05/08/98

Su M Tu W Th (F) Sa

PAGE 1 OF 1

Task Team Members:

Paul Allena

Joe Wilson

Narrative (include time and location):

~~0800~~ prepare for day, cal. spec, zero scale

0830 Begin extracting samples 0508LCS1, WB0915, WB0917, WB0918, WB0919, WB0921, WB0930, WB0932, WB0935, BK0805, BK0808, BK0809, BK0810, BK0811, BK0820; reextract and analyze samples WB0773 & WB0927 for TNT and WB0912 & WB0937 for RDX; also prepare CCVI for TNT and RDX

1030 Finish TNT analysis WB0918, WB0932, & WB0935 HTS

1240 Finish RDX analysis - NO HTS

1300 EOD at lab

5/8/98  
PH

Daily Weather Conditions: A.M. 45°F overcast / cloudy

P.M. 60° overcast / cloudy

Recorded By Paul Allena QA Checked By



82

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Phase II RI @ WBG and Background Investigation

DELIVERY ORDER NO: 0060

Date (mm/dd/yy): 05/09/98

Su M Tu W Th F Sa

PAGE 1 OF 1

Task Team Members:

Paul Alkerman

Narrative (include time and location):

0815 Decon; prepare syringes

0940 Begin extracting samples; prepare WBP940, WBP943,  
PA  
0910 BK0822, BK0823

0910 Prepare new TNT & RDX working solutions

0920 Begin extracting 0509LCS1, 0509LCS2, 0509LCS3,  
0509LCS4, 0509LCS5; also prepare TNT & RDX  
PA  
CCU

1000 Finish TNT analysis - NO HITS

1135 Finish RDX analysis NO HITS

1140 Begin Decon and Demobilization; EOD for lab

1230 Out in field

5/9/98

PA

Daily Weather Conditions: A.M. 45°F Clear, Sunny

P.M. 65 Sunny

Recorded By

Paul Alkerman

G-89

Checked By

Date (mm/dd/yy): 05/10/98

Su M Tu W Th F Sa

PAGE 1 OF 1

Task Team Members:

Paul Atkema

Joe Wilson

Narrative (include time and location):

0815 Pack up lab equipment and supplies; label boxes; general cleanup.

1000 Lab demob. done

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5/10/98

PM

Daily Weather Conditions: A.M. 50°F Sunny

P.M. NA

Recorded By Paul Atkema QA Checked By