

# GRIBI Associates

Geological and Environmental Consulting Services

## FACSIMILE TRANSMITTAL

Date: April 3, 1998

To: MADHULLA LOGAN  
ALAMEDA COUNTY HEALTH  
SERVICES AGENCY

Fax No: (510)337-9335

From: JIM GRIBI  
Phone/Fax: (707)864-5543

Number of pages (including this transmittal): 13

Madhulla,

Attached find addendum to recent Tier 2 RBCA for Former Oakland Tribune Site in Oakland, California. I will mail a hard copy to you tomorrow.

Please call if you have questions or need additional info.

*Jim*  
*2) please to include 1/2-3*  
*in the average BTEX conc.*

Thanks!

Jim

# GRIBI Associates

*Geological and Environmental Consulting Services*

April 3, 1998

UST Local Oversight Program  
Alameda County Health Agency  
Department of Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

Attention: Ms. Madhulla Logan

Subject: Addendum to Tier 2 RBCA Assessment  
Former Oakland Tribune Site  
2302 Valdez Street, Oakland, California  
Alameda County LOP Site ID 3663  
GA 125-01-02

Ladies and Gentlemen:

Pursuant to our telephone conversation on Thursday, April 2, 1998, this letter provides revisions to the recently-completed Tier 2 RBCA Assessment conducted for the subject site in Oakland, California. Your concerns, as we understand them, include: (1) The need to assess risk at the project site itself using the most current groundwater analytical data from wells located within the project site building to calculate representative groundwater concentrations; and (2) The need to address potential offsite risk to the residential apartment building located about 70 feet south from the project site. These concerns are addressed below.

## **Risk Assessment Within the Project Site Building**

In order to provide a more representative assessment of risk, we ran the GSI RBCA computer model with the following changes:

- For representative groundwater concentrations, we used the mean BTEX concentrations from the last three sampling events for inside project site wells MW 1, MW-2, and MW-4 (the other inside project site wells, MW-3, MW-5, and MW-6, were not sampled for BTEX constituents during the last three sampling events). We used the mean, rather than the 90% UCL mean, because only nine samples were used to calculate representative COC concentrations, rather than 24 samples as was previously used.
- We used residential, rather than commercial, receptors for outdoor air and indoor air exposure pathways, thereby providing a more conservative assessment of risk at the site.
- We changed the foundation crack fraction to 0.05, rather than the default value of 0.01.

UST Local Oversight Program  
Alameda County Health Agency  
April 3, 1998  
Page 2

Copies of output pages from the GSI RBCA computer model incorporating these changes are included in Attachment A. These changes result in the following risk calculations:

Exposure Pathway	Carcinogenic Risk				Toxic Effects Risk			
	Individual COC Risk		Cumulative COC Risk		Individual COC Risk		Cumulative COC Risk	
	Maximum Value	Target Risk	Total Value	Target Risk	Hazard Quotient	Applicable Limit	Hazard Index	Applicable Limit
Outdoor air exposure pathways	$7.0 \times 10^{-5}$	$1 \times 10^{-5}$	$7.0 \times 10^{-5}$	$1 \times 10^{-4}$	$9.7 \times 10^{-3}$	1	$9.9 \times 10^{-1}$	1
Indoor air exposure pathways	$5.5 \times 10^{-6}$	$1 \times 10^{-5}$	$5.5 \times 10^{-6}$	$1 \times 10^{-4}$	$7.5 \times 10^{-3}$	1	$7.7 \times 10^{-1}$	1
Soil Exposure Pathways	NC	$1 \times 10^{-5}$	NC	$1 \times 10^{-4}$	NC	1	NC	1
Groundwater exposure pathways	$5.2 \times 10^{-22}$	$1 \times 10^{-5}$	$5.2 \times 10^{-22}$	$1 \times 10^{-4}$	$6.0 \times 10^{-11}$	1	$9.2 \times 10^{-11}$	1

Thus, while these changes have resulted in different risk calculations, the overall conclusions for project site risk have not changed. Model risk calculations indicate that remaining hydrocarbons in subsurface soils and groundwater at the site pose no significant risk to possible residential receptors at the project site. Note that there is no indication that the project site will ever be used as residential property.

#### **Risk Assessment For Offsite Residential Receptors**

The only identified potentially downgradient residential receptor is a residential apartment building located about 70 feet south from the project site, on the southeast corner of 23<sup>rd</sup> Street and Valdez Street. A revised site plan showing the location of this residential apartment building is included in Attachment B.

Based on groundwater analytical results from wells MW-2, MW-4, and MW-8, it does not appear that groundwater in the vicinity of the residential apartment building has been significantly impacted by hydrocarbon releases from the project site. Both historical and recent groundwater data from these wells shows extremely low to nondetectable levels of BTEX constituents in these wells. Because these wells are located in an approximately downgradient direction between the former USTs and this residential apartment building, these low to nondetectable BTEX results clearly indicate little or no impact to groundwater in the vicinity of this residential apartment building.

Groundwater analytical results from MW-9, located in 23<sup>rd</sup> Street southeast from the project site, indicate BTEX impacts to groundwater in this location. Although this well is not located upgradient from the residential apartment building, we ran the GSI RBCA computer model using the most recent groundwater analytical data from MW-9 as representative COC concentrations. Copies of

UST Local Oversight Program  
Alameda County Health Agency  
April 3, 1998  
Page 3

*why residential?*

output pages from the GSI RBCA model are included in Attachment B. Using these concentrations, the only calculated risk for onsite residential receptors which exceeds the target risk value of  $1.0 \times 10^{-5}$  is indoor air exposure to Benzene, for which the calculated risk is  $1.5 \times 10^{-5}$ . Thus, even if groundwater concentrations at this residential apartment building were at levels detected in MW-9 (which they undoubtedly are not), the health risk for residential receptors would be only slightly above the target risk value.

### Conclusions

Based on results of revised risk calculations, we conclude that: (1) Remaining hydrocarbons in subsurface soils and groundwater at the site pose no significant risk to any possible commercial or residential receptors at the project site; and (2) Soil and groundwater in the vicinity of the nearby offsite residential apartment building do not appear to be significantly hydrocarbon-impacted and, hence, do not pose a significant risk to this offsite residential receptor.

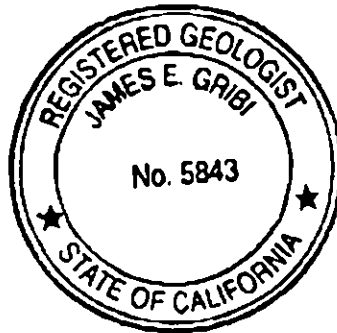
Based on these conclusions, we request that Alameda County Department of Environmental Health grant regulatory closure for this site.

We appreciate the opportunity to present this information for your review. Please call if you have questions or require additional information.

Very truly yours,



James E. Gribi  
Registered Geologist  
California No. 5843



JEG/ct  
Enclosure

c Mr. Chad Schwartz, Esq.  
Mr. Arthur Goldman, Ritchie Commercial

File GA-14/rc-alam 111

**ATTACHMENT A**

**GSI RBCA MODEL OUTPUT TABLES FOR PROJECT SITE  
BUILDING USING REVISED INPUT PARAMETERS**

# RBCA TIER 1/TIER 2 EVALUATION

## Output Table 1

Site Name: Former Gas Trib/ST Site Job Identification: Oakland Tribune RBCA  
 Site Location: 2302 Valdez Street, Oakland, CA Date Completed: 3/9/98  
 Software: GSI RBCA Spreadsheet Version: 1.0.1  
 Completed By: James E. Gibb

NOTE: values which differ from Tier 1 default values are shown in bold italics and underlined

Exposure Parameter	Definition (Units)	Residential			Commercial/Industrial	
		Adult	(1-8 yrs)	(1-18 yrs)	Chronic	Construction
ATC	Averaging time for carcinogens (yr)	70				
ATA	Averaging time for non-carcinogens (yr)	30	5	16	25	1
BW	Body Weight (kg)	70	15	35	70	
ED	Exposure Duration (yr)	30	5	16	25	1
ET	Averaging time for vapor flux (yr)	30			25	1
EF	Exposure Frequency (days/yr)	350			250	180
EF Derm	Exposure Frequency for dermal exposure	350			250	
IRgw	Ingestion Rate of Water (L/day)	2				
IRs	Ingestion Rate of Soil (mg/day)	100	200		50	100
IRadj	Adjusted soil ing. rate (mg-yr/kg-d)	1.1E+02			9.4E+01	
IRi in	Inhalation rate indoor (m <sup>3</sup> /day)	15			20	
IRi out	Inhalation rate outdoor (m <sup>3</sup> /day)	20			20	10
SA	Skin surface area (dermal) (cm <sup>2</sup> )	5.8E+03		2.0E+03	5.8E+03	5.8E+03
SAadj	Adjusted dermal area (cm <sup>2</sup> -year/kg)	2.1E+03			1.7E+03	
M	Soil to Skin adherence factor	1				
AAF s	Age adjustment on soil ingestion	FALSE			FALSE	
AAF d	Age adjustment on skin surface area	FALSE			FALSE	
103	Use EPA tox data for air (or PEL based)?	TRUE				
gwMCL?	Use MCL as exposure limit in groundwater?	FALSE				

Matrix of Exposed Persons to Complete Exposure Pathways	Residential		Commercial/Industrial		
	Chronic	Construction	Chronic	Construction	
<b>Outdoor Air Pathways:</b>					
SS v	Volatiles and Particulates from Surface Soils	FALSE		FALSE	TRUE
S s	Volatilization from Subsurface Soils	TRUE		FALSE	
GW v	Volatilization from Groundwater	TRUE		FALSE	
<b>Indoor Air Pathways:</b>					
S s	Vapors from Subsurface Soils	TRUE		FALSE	
GW b	Vapors from Groundwater	TRUE		FALSE	
<b>Soil Pathways:</b>					
SS d	Direct Ingestion and Dermal Contact	FALSE		TRUE	TRUE
<b>Groundwater Pathways:</b>					
GW i	Groundwater Ingestion	TRUE		FALSE	
S l	Leaching to Groundwater from all Soils	TRUE		FALSE	

Matrix of Receptor Distance and Location On- or Off-Site	Residential		Commercial/Industrial	
	Distance	On-Site	Distance	On-Site
GW	Groundwater receptor (cm)	2.4E+04	FALSE	FALSE
S	Inhalation receptor (cm)		TRUE	FALSE

Matrix of Target Risks	Target Risk (class A&B carcinogens)	Residential	
		Individual	Cumulative
TRab	Target Risk (class A&B carcinogens)	<del>1.8E-06</del>	
TRc	Target Risk (class C carcinogens)	1.0E-05	
THQ	Target Hazard Quotient	1.0E+00	
Opt	Calculation Option (1, 2, or 3)	3	
Tier	RBCA Tier	2	

Surface Parameters	Definition (Units)	Residential	Construction
		A	Contaminated soil area (cm <sup>2</sup> )
W	Length of affect soil parallel to wind (cm)	7.5E+03	1.0E+00
W gw	Length of affect soil parallel to groundwater (cm)	1.5E+03	
U air	Ambient air velocity in mixing zone (cm/s)	2.3E+02	
delta	Air mixing zone height (cm)	2.0E+02	
Lss	Thickness of affected surface soils (cm)		
Pe	Particulate mass emission rate (g/cm <sup>2</sup> /h)	6.9E-14	

Groundwater Parameters	Definition (Units)	Value
delta gw	Groundwater mixing zone depth (cm)	2.0E+02
i	Groundwater infiltration rate (cm/yr)	3.0E+01
Ugw	Groundwater Darcy velocity (cm/yr)	<del>2.2E+01</del>
Ugw tr	Groundwater seepage velocity (cm/yr)	<del>3.8E+01</del>
Ks	Saturated hydraulic conductivity (cm/s)	1.0E-04
grad	Groundwater gradient (cm/cm)	7.0E-03
Sw	Width of groundwater source zone (cm)	2.4E+03
Sd	Depth of groundwater source zone (cm)	4.8E+02
ph eff	Effective porosity in water-bearing unit	3.8E-01
fec soil	Fraction organic carbon in water-bearing unit	1.0E-03
BIO?	Is bioturbation considered?	TRUE
BC	Biodegradation Capacity (mg/L)	

Soil Parameters	Definition (Units)	Value
hc	Capillary zone thickness (cm)	5.0E+00
hw	Vadose zone thickness (cm)	<del>4.8E+02</del>
rho	Soil density (g/cm <sup>3</sup> )	1.7
foe	Fraction of organic carbon in vadose zone	0.01
ph	Soil porosity in vadose zone	0.38
Lgw	Depth to groundwater (cm)	<del>4.7E+02</del>
Ls	Depth to top of affected subsurface soil (cm)	<del>3.6E+02</del>
Lsub	Thickness of affected subsurface soils (cm)	<del>7.4E+01</del>
ph	Soil groundwater pH	6.5

Building Parameters	Definition (Units)	Residential	Commercial
Lb	Building volume/area ratio (cm)	2.0E+02	3.0E+02
ER	Building air exchange rate (s <sup>-1</sup> )	1.4E-04	2.3E-04
Lcrk	Foundation crack thickness (cm)	1.5E+01	
cta	Foundation crack fraction	<del>0.05</del>	

Transport Parameters	Definition (Units)	Residential	Commercial
<b>Groundwater</b>			
ax	Longitudinal dispersivity (cm)	2.4E+03	
ay	Transverse dispersivity (cm)	8.0E+02	
az	Vertical dispersivity (cm)	1.2E+02	
<b>Vapor</b>			
dxy	Transverse dispersion coefficient (cm)		
diz	Vertical dispersion coefficient (cm)		

## RBCA SITE ASSESSMENT

Input Screen 7

## REPRESENTATIVE COC CONCENTRATIONS IN SOURCE MEDIA

(Complete the following table)

CONSTITUENT	Representative COC Concentration					
	in Groundwater		in Surface Soil		in Subsurface Soil	
	value (mg/L)	note	value (mg/kg)	note	value (mg/kg)	note
Benzene	6.5E-3	mean			9.7E-2	UCL
Ethylbenzene	7.8E-3	mean			1.1E-1	UCL
Toluene	2.2E-3	mean			1.2E-1	UCL
Xylene (mixed isomers)	6.7E-3	mean			3.5E-1	UCL

Site Name: Former Oak. Tnb. UST Site  
 Site Location: 2302 Valdez Street, Oakland, CA

Completed By: James E. Gribi  
 Date Completed: 3/9/1998

**RBCA SITE ASSESSMENT**

**Tier 2 Worksheet 8.3**

Site Name: Former Oak Trib. UST Site  
 Site Location: 2302 Valdez Street, Oakland, CA

Completed By: James E. Gribi  
 Date Completed: 3/9/1998

1 of 1

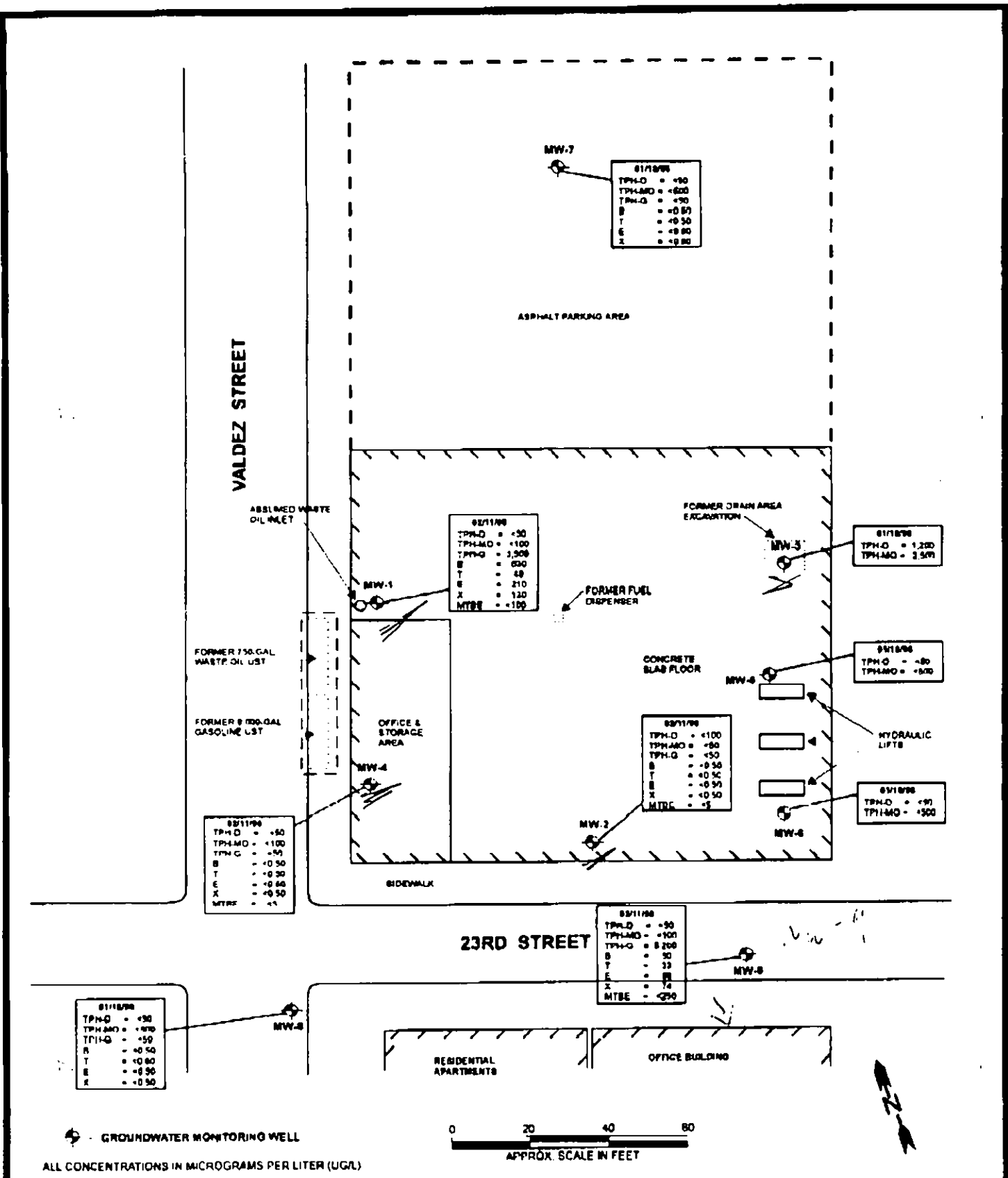
**TIER 2 BASELINE RISK SUMMARY TABLE**

EXPOSURE PATHWAY	BASELINE CARCINOGENIC RISK					BASELINE TOXIC EFFECTS				
	Individual COC Risk		Cumulative COC Risk		Risk Limit(s) Exceeded?	Hazard Quotient		Hazard Index		Toxicity Limit(s) Exceeded?
	Maximum Value	Target Risk	Total Value	Target Risk		Maximum Value	Applicable Limit	Total Value	Applicable Limit	
<b>GROUNDWATER EXPOSURE</b>										
Complete:	7.0E-9	1.0E-5	7.0E-9	N/A	<input type="checkbox"/>	9.7E-5	1.0E+0	9.9E-5	N/A	<input type="checkbox"/>
<b>SOIL EXPOSURE</b>										
Complete:	5.5E-6	1.0E-5	5.5E-6	N/A	<input type="checkbox"/>	7.5E-2	1.0E+0	7.7E-2	N/A	<input type="checkbox"/>
<b>EXPOSURE PATHWAYS</b>										
Complete:	NC	1.0E-5	NC	N/A	<input checked="" type="checkbox"/>	NC	1.0E+0	NC	N/A	<input checked="" type="checkbox"/>
<b>WATER EXPOSURE</b>										
Complete:	5.2E-22	1.0E-5	5.2E-22	N/A	<input type="checkbox"/>	6.0E-37	1.0E+0	9.2E-37	N/A	<input type="checkbox"/>
	5.5E-6	1.0E-5	5.5E-6	N/A	<input type="checkbox"/>	7.5E-2	1.0E+0	7.7E-2	N/A	<input type="checkbox"/>



**ATTACHMENT B**

**REVISED SITE PLAN AND GSI RBCA MODEL OUTPUT FOR  
OFFSITE RESIDENTIAL APARTMENT BUILDING**



GROUNDWATER MONITORING WELL

ALL CONCENTRATIONS IN MICROGRAMS PER LITER (UG/L)



DESIGNED BY.	CHECKED BY
DRAWN BY. JG	SCALE.
PROJECT NO: 125-01-02	

**GROUNDWATER HYDROCARBON RESULTS, VARIOUS DATES**  
 FORMER OAKLAND TRIBUNE SHOP  
 OAKLAND, CALIFORNIA

DATE: 02/27/98      FIGURE: 5

**GRIBI Associates**

# RBCA TIER 1/TIER 2 EVALUATION

## Output Table 1

Site Name: Former Oak Trlb UST Site Job Identification: Oakland Tribune RBCA  
 Site Location: 2302 Valdez Street, Oakland, CA Date Completed: 3/3/98  
 Completed By: James E. Gribb

Software: GSI RBCA Spreadsheet  
 Version: 1.0.1

NOTE: values which differ from Tier 1 default values are shown in bold italics and underlined.

Exposure Parameter	Definition (Units)	Residential		Commercial/Industrial		Surface Parameter	Definition (Units)	Residential	Commercial
		Adult	(1-6 yrs)	Chronic	Construction				
ATc	Averaging time for carcinogens (yr)	70				A	Contaminated soil area (cm <sup>2</sup> )	<u>5.1E+02</u>	<u>5.1E+02</u>
ATn	Averaging time for non-carcinogens (yr)	30	6	16	25	W	Length of affect. soil parallel to wind (cm)	1.5E+00	1.0E+00
BW	Body Weight (kg)	70	15	35	70	Wgw	Length of affect. soil parallel to groundwater (cm)	1.5E+02	
ED	Exposure Duration (yr)	30	6	16	25	Uw	Ambient air velocity in mixing zone (cm/s)	2.3E+02	
t	Averaging time for vapor flux (yr)	30			25	delt	Air mixing zone height (cm)	2.0E+02	
EF	Exposure Frequency (days/yr)	350			250	Lss	Thickness of affected surface soils (cm)		
EF DERM	Exposure Frequency for dermal exposure	350			250	Pe	Particulate areal emission rate (g/cm <sup>2</sup> /h)	6.9E-14	
IRgw	Ingestion Rate of Water (L/day)	7			1	<b>Groundwater</b> Definition (Units) Value			
IRs	Ingestion Rate of Soil (mg/day)	100	200		50	delt gw	Groundwater mixing zone depth (cm)	2.0E+02	
IRadj	Adjusted soil ing. rate (mg-yr/kg-d)	1.1E+02			9.4E+01	f	Groundwater infiltration rate (cm/yr)	3.0E+01	
IRs in	Inhalation rate indoor (m <sup>3</sup> /day)	15			20	Ugw	Groundwater Darcy velocity (cm/yr)	<u>2.2E+02</u>	
IRs out	Inhalation rate outdoor (m <sup>3</sup> /day)	20			20	Ugw v	Groundwater seepage velocity (cm/yr)	<u>3.8E+02</u>	
SA	Skin surface area (dermal) (cm <sup>2</sup> )	5.8E+00		2.0E+03	5.8E+00	Ks	Saturated hydraulic conductivity (cm/s)	1.0E-04	
SAadj	Adjusted dermal area (cm <sup>2</sup> -yr/kg)	2.1E+03			1.7E+00	grad	Groundwater gradient (cm/cm)	7.0E-02	
M	Soil to Skin adherence factor	1				Sw	Width of groundwater source zone (cm)	2.4E+03	
AAF s	Age adjustment on soil ingestion	FALSE			FALSE	Sd	Depth of groundwater source zone (cm)	4.6E+02	
AAF d	Age adjustment on skin surface area	FALSE			FALSE	phi eff	Effective porosity in water-bearing unit	3.8E-01	
tox	Use EPA tox. data for air (or PEL based)?	TRUE				fac sat	Fraction organic carbon in water-bearing unit	1.0E-03	
gwMCL?	Use MCL as exposure limit in groundwater?	FALSE				BIO?	Is bioturbation considered?	TRUE	
						BC	Biodegradation Capacity (mg/L)		
<b>Matrix of Exposed Persons to Complete Exposure Pathways</b>		<b>Residential</b>		<b>Commercial/Industrial</b>		<b>Soil</b> Definition (Units) Value			
<b>Outdoor Air Pathways</b>						hc	Capillary zone thickness (cm)	5.0E+02	
SS.v	Volatiles and Particulates from Surface Soils	FALSE		FALSE	TRUE	hw	vadose zone thickness (cm)	<u>4.0E+02</u>	
S.v	Volatilization from Subsurface Soils	TRUE		FALSE		rho	Soil density (g/cm <sup>3</sup> )	1.7	
GW.v	Volatilization from Groundwater	TRUE		FALSE		fac	Fraction of organic carbon in vadose zone	0.01	
<b>Indoor Air Pathways</b>						phi	Soil porosity in vadose zone	0.38	
S.b	Vapors from Subsurface Soils	TRUE		FALSE		Lgw	Depth to groundwater (cm)	<u>4.1E+02</u>	
GW.b	Vapors from Groundwater	TRUE		FALSE		Le	Depth to top of affected subsurface soil (cm)	<u>3.4E+02</u>	
<b>Soil Pathways</b>						Lsub	Thickness of affected subsurface soils (cm)	<u>7.4E+01</u>	
SS.d	Direct Ingestion and Dermal Contact	FALSE		TRUE	TRUE	pH	Soil/groundwater pH	6.5	
<b>Groundwater Pathways</b>						phi w	Volumetric water content	0.342	0.12
GW.s	Groundwater ingestion	TRUE		FALSE		phi a	Volumetric air content	0.338	0.26
S.l	Leaching to Groundwater from all Soils	TRUE		FALSE		<b>Building</b> Definition (Units) Residential Commercial			
<b>Matrix of Receptor Distance and Location On- or Off-Site</b>		<b>Residential</b>		<b>Commercial/Industrial</b>		Lb	Building volume/area ratio (cm)	2.0E+02	3.0E+02
GW	Groundwater receptor (cm)	2.4E+04	FALSE	2.4E+04	FALSE	ER	Building air exchange rate (yr <sup>-1</sup> )	1.4E-04	2.3E-04
S	Inhalation receptor (cm)		TRUE		FALSE	Lcr	Foundation crack thickness (cm)	1.5E+01	
<b>Matrix of Target Risks</b>		<b>Individual</b>		<b>Cumulative</b>		cta	Foundation crack fraction	<u>0.05</u>	
TRch	Target Risk (class A&B carcinogens)	<u>1.0E-05</u>				<b>Transport</b> Definition (Units) Residential Commercial			
TRc	Target Risk (class C carcinogens)	1.0E-05				<b>Groundwater</b>			
THQ	Target Hazard Quotient	1.0E+00				ax	longitudinal dispersivity (cm)	2.4E+03	
Opt	Calculation Option (1, 2, or 3)	3				ay	Transverse dispersivity (cm)	8.0E+02	
Tier	RBCA Tier	2				az	Vertical dispersivity (cm)	1.2E+02	
						dxy	Transverse dispersion coefficient (cm)		
						dzy	Vertical dispersion coefficient (cm)		

## RBCA SITE ASSESSMENT

Input Screen 7

## REPRESENTATIVE COC CONCENTRATIONS IN SOURCE MEDIA

(Complete the following table)

CONSTITUENT	Representative COC Concentration					
	in Groundwater		in Surface Soil		in Subsurface Soil	
	value (mg/L)	note	value (mg/kg)	note	value (mg/kg)	note
Benzene	5.0E-2	max			9.7E-2	UCL
Ethylbenzene	9.6E-2	max			1.1E-1	UCL
Toluene	3.3E-2	max			1.2E-1	UCL
Xylene (mixed isomers)	7.4E-2	max			3.5E-1	UCL

Site Name: Former Oak Trib. UST Site  
 Site Location: 2302 Valdez Street, Oakland, CA

Completed By: James E. Gribi  
 Date Completed: 3/9/1998

**RBCA SITE ASSESSMENT**

**Tier 2 Worksheet 8.3**

Site Name: Former Oak. Trib. UST Site  
 Site Location: 2302 Valdez Street, Oakland, CA

Completed By: James E. Gribi  
 Date Completed: 3/8/1998

1 of 1

**TIER 2 BASELINE RISK SUMMARY TABLE**

EXPOSURE PATHWAY	BASELINE CARCINOGENIC RISK				Risk Limit(s) Exceeded?	BASELINE TOXIC EFFECTS				Toxicity Limit(s) Exceeded?
	Individual COC Risk		Cumulative COC Risk			Hazard Quotient		Hazard Index		
	Maximum Value	Target Risk	Total Value	Target Risk		Maximum Value	Applicable Limit	Total Value	Applicable Limit	
Complete:	2.0E-8	1.0E-5	2.0E-8	N/A	<input type="checkbox"/>	2.8E-4	1.0E+0	2.8E-4	N/A	<input type="checkbox"/>
Complete:	1.5E-5	1.0E-5	1.5E-5	N/A	<input checked="" type="checkbox"/>	2.0E-1	1.0E+0	2.1E-1	N/A	<input type="checkbox"/>
Complete:	NC	1.0E-5	NC	N/A	<input checked="" type="checkbox"/>	NC	1.0E+0	NC	N/A	<input checked="" type="checkbox"/>
Complete:	5.2E-22	1.0E-5	5.2E-22	N/A	<input type="checkbox"/>	6.0E-37	1.0E+0	9.3E-37	N/A	<input type="checkbox"/>
	1.5E-5	1.0E-5	1.5E-5	N/A	<input checked="" type="checkbox"/>	2.0E-1	1.0E+0	2.1E-1	N/A	<input type="checkbox"/>