NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

6/24/04

SITE INVESTIGATION INFORMATION

1. SITE NAME	2. SITE NUMBER	3. TOWN/CITY/VILLAGE	4. COUNTY
Former Your Way Cleaning	8-08-xxx	Elmira	Chemung

5. REGION
8

6. PROGRAM TYPE
BCP ☐ ERP ☐ SPILL ☐ SUPERFUND X If Superfund: Current _____ Proposed: P Modification _____

7. LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location)

a. Quadrangle: Elmira, New York b. Site Latitude 42° 07' 51" Site Longitude 77° 48' 41"

c. Tax Map Number(s) 69.00-1-11.1 d. Site Street Address: 3000 Lake Road, Elmira, NY 14903

8. BRIEFLY DESCRIBE THE SITE (Attach site map showing disposal/sampling locations)

This potential site consists of a former dry cleaning facility that is now occupied by a Bobcat dealership. The site is located in a mixed commercial/residential area along the Newton Creek in the Northeast corner of Elmira. To the south of this potential site is the Sullivan Street Public Supply Wells. Trichloroethylene (TCE) was first detected in the wells in 1980 and were taken off line in 1991because of TCE levels above drinking water standards.

a. Area ___<1__ acres b. Completed: ( ) Env. Property Assessment ( ) Site Characterization ( ) SI ( ) ESI ( ) IRM ( )RI ( ) Construction ( ) OM&M ( ) Spill Response ( )Other_____

9. CONTAMINANTS DISPOSED (Hazardous Waste, Petroleum, Other. Includes EPA Hazardous Waste Numbers)

Trichloroethylene (TCE), F002

10. ANALYTICAL DATA AVAILABLE

a. ( )Air (X)Groundwater ( )Surface Water ( )Sediment ( )Soil ( )Waste ( )Leachate ( )EPTox ( )TCLP
b. Contravention of Standards or Guidance Values

Data from Sullivan Street PSW

Year	Contaminant	Media	Concentration	NYS Groundwater and Drinking Water Standard
1981-1991	TCE	GW	5.0 - 10.0 ppb	5 ppb

11. CONCLUSION

Since being introduced as a dry cleaning solvent in the 1930s Trichloroethylene (TCE) has never been widely used as a dry cleaning solvent but, is still widely used as a pre-cleaning and spotting agent. Also, TCE is a daughter product of Tetrachloroethylene (PCE), the drycleaning solvent of choice, and low levels of TCE could be an indication that the leading edge of a PCE plume is approaching this public supply well. Therefore, due to the continued impact to this public supply well and the Newton Creek Primary Aquifer further investigation is justified to determine the source of contamination. Also, because this potential site is located in a densely populated mixed commercial/residential area indoor air quality of the surrounding homes and businesses could be threatened.

a. Institutional Controls (IC) Required? ( )Y (X)N b. If yes, identify c. Are these ICs in place and verified? ( ) Y ( )N

12. SITE IMPACT DATA

a. Nearest Surface Water: Distance __0___ft. Direction On site Class __C_____

b. Groundwater: Depth __10-15___ft. Flow Direction: ()Sole Source (X)Primary ( )Other High-Yield Aquifer

c. Water Supply: Distance _7300___ft. Direction S Active ( )Yes (X)No

d. Nearest Building: Distance __0_____ft. Direction: On site Use: Business

e. Documented fish or wildlife mortality?	( )Y	(x)N	h. Exposed hazardous waste?	( )Y	(x)N
f. Impact on special status fish or wildlife resource?	( )Y	(x)N	I. Site Priority Ranking Sheet ---------Impact Score	480	
g. Controlled Site Access?	(x)Y	( )N	j. Significant Threat?	(x)Y	( )N
			k. EPA ID#_____	HRS Score	_____

13. SITE OWNER'S NAME	14. ADDRESS	15. TELEPHONE NUMBER
William Brewer	3004 Lake Road, Elmira, NY 14903	607-734-9497

16. PREPARER	17. APPROVED
Signature Date	Signature Date
Matthew Dunham, Environmental Engineer 1, DER, Remedial Bureau D	Edward Belmore, Environmental Engineer 4, DER, Remedial Bureau D
Name, Title, Organization	Name, Title, Organization

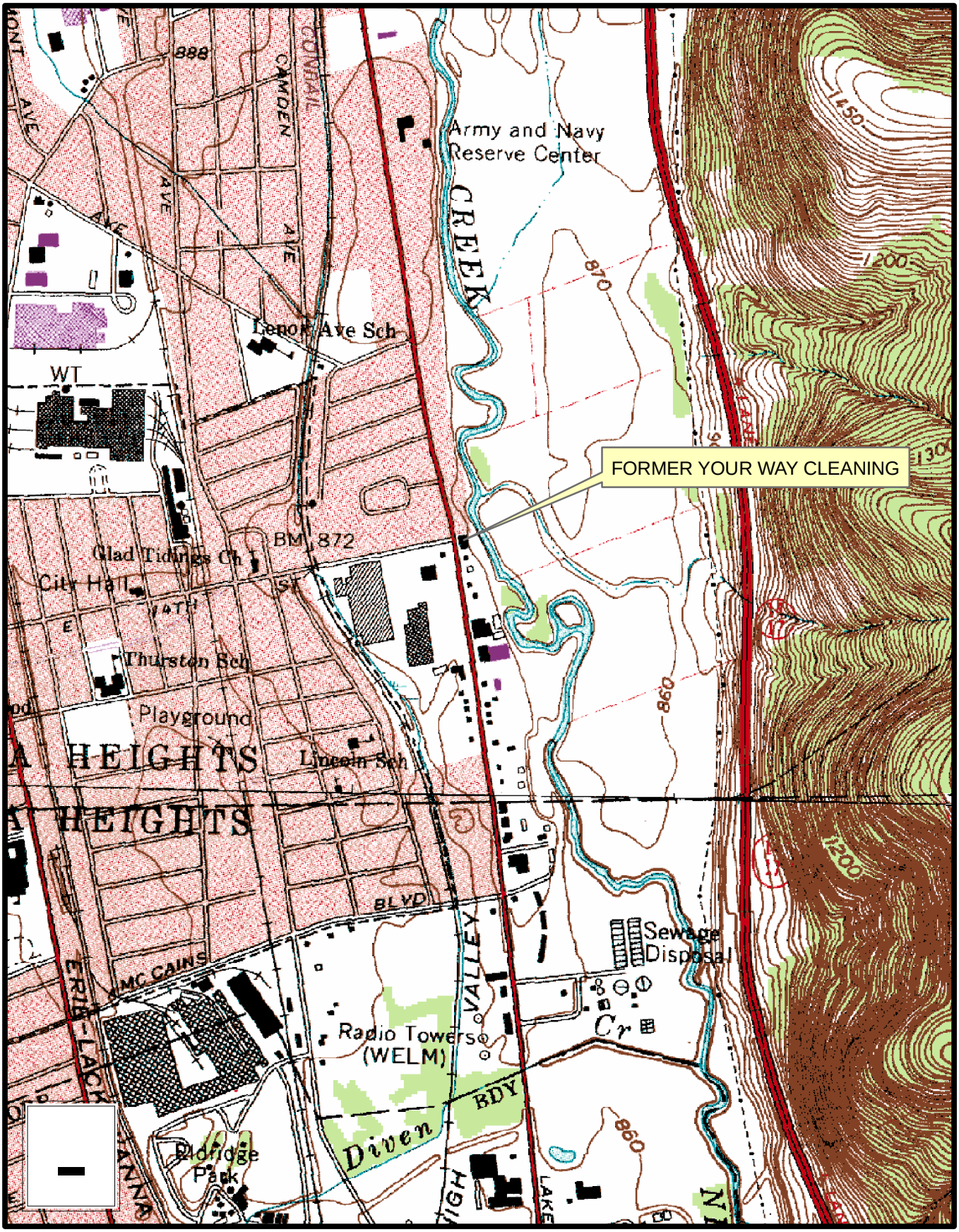


FIGURE 1-1
SITE LOCATION
PRELIMINARY SITE ASSESSMENT
FORMER YOUR WAY CLEANING
ELMIRA, NEW YORK

Site Priority Ranking

Priority Ranking Home Page Search for Site Rank

Please complete all of the form fields below and answer the questions given your current knowledge of the site. Once completed click on the Insert button at the bott to insert the sites ranking scoresheet into the database.

(Note:For assistance in answering the questions please put your mouse pointer over the Question Number on the left hand side of the table. If you need to review the General Instructions click HERE and a separate window will pop up. DO NOT go back to the the Prior Ranking Home Page you may lose data or any changes you've made.)

Division of Environmental Remediation - Priority Ranking Scoresheet

Scored By: (Novell username)	**Scoring Date:** 04/04/2005
Site Number:(EXAMPLES)	**Site Name:**
Lead Bur./Reg.: Select A Lead Region Or Bureau	**Lead Sect.:** Select A Lead Section
Project Type: Select a Project Type	**Site Located in Reg.:** (Not Necessary if Region Lead)
Program Type(Check all that apply)	☐ VCP ☐ BF ☐ HW ☐ SP
FUND SOURCE(Check all that Apply)	☐ PRP ☐ EPA ☐ Loc. Gov. ☐ SSF ☐ OPA 90 ☐ T3 ☐ VC ☐ BF ☐ OSF
SITE SETTING(select all that may apply)	☐ URBAN ☐ RURAL ☐ SUBURBAN ☐ COMMERCIAL ☐ INDUSTRIAL ☐ RESIDENTI

Site Priority Scoring

	Prioritization Factors	Yes/No	Impact Value	FACTOR SCORE	Cummulativ Score
1	Public or Community Water Supply Impact detected?	◉ Yes ○ No	100	100	100
2	Private Water Supply Impact detected?	○ Yes ◉ No	100	0	100
3	Dermal or Ingestion Impact detected?	○ Yes ◉ No	100	0	100
4	Vapor/Inhalation Impact detected?	○ Yes ◉ No	100	0	100
5	Ecosystem impacted?	○ Yes ◉ No	90	0	100
6	Surface water or utilities impacted?	○ Yes ◉ No	75	0	100

7	Public or Community Water Supply threatened?	(•) Yes ( ) No	75	0	100
8	Private Water Supply threatened?	( ) Yes (•) No	60	0	100
9	Dermal or Ingestion impact threatened?	(•) Yes ( ) No	60	60	160
10	Vapor/Inhalation impacts threatened?	(•) Yes ( ) No	60	60	220
11	Ecosystem threatened?	(•) Yes ( ) No	50	50	270
12	Surface water or utilities threatened?	(•) Yes ( ) No	50	50	320
13	Highly Persistent or Mobile Material?	(•) Yes ( ) No	50	50	370
14	Primary or High Yield Aquifer impacted?	(•) Yes ( ) No	50	50	420
15	Material Acutely Toxic or Significant Potential Human Health Threat?	(•) Yes ( ) No	40	40	460
16	Extensive Areal Extent?	( ) Yes (•) No	30	0	460
17	Groundwater impacted?	(•) Yes ( ) No	20	20	480
18	Contaminated soils?	( ) Yes (•) No	20	0	480
19	Significant Volume/Concentration of Contaminant?	( ) Yes (•) No	20	0	480
IMPACT SCORE					480

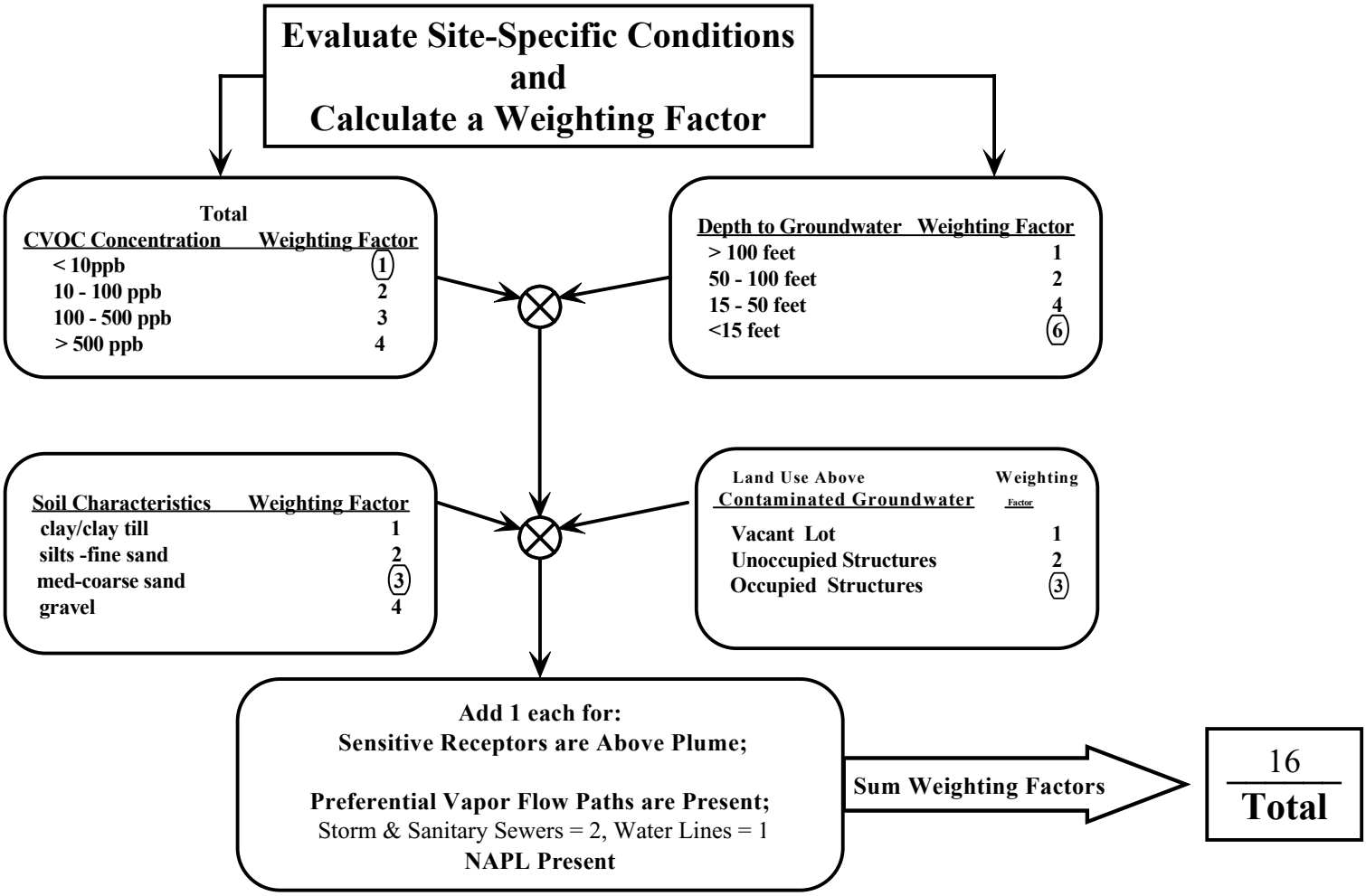
INSERT RESET FORM

Note: To insert the Ranking score sheet click on the button labeled INSERT.

If you have problems or questions please contact Eric Obrecht (518.402.9756) or email: erobrech@gw.dec.state.ny.us

Attachment 3

Groundwater Screening for CVOC Vapor Intrusion



Note: Sensitive Receptors = (day care centers, elder care facilities, hospitale, etc.)
Preferential Flow Paths = (pipes & pipe bedding, joints and fractures, sumps and other penetrations)