



**NTC GREAT LAKES MEETING MINUTES**  
**August 12, 2003**  
**NTC Great Lakes, Illinois**

Responses to comments were e-mailed last week. Illinois EPA has reviewed the responses and will be preparing a letter next week accepting the responses. The recommendation of the RI/RA report was reviewed. Four remedial alternatives for the Feasibility Study will be evaluated (scheduled for the 2<sup>nd</sup> or 3<sup>rd</sup> quarter of FY04 [January – March timeframe]). These alternatives will include

- No action
- Institutional Controls – restrict fishing and land use remains as recreational
- Engineering Control Actions
  - Constructed wetlands including vegetation with institutional controls
  - Dredge Boat Basin

Minor changes will be made to the text of the report on page 4-20 (Section 4.3.4 Inorganics) and in Section 6.1.1 based on the response to the comments from the NTC Great Lakes personnel. The source of the tributary for the North Branch was discussed and IDOT drawing and NTC Great Lakes drawing identified the storm sewers from Camp Moffett as part of the source for this tributary. It was questioned as to which sample (the first sample on the tributary or the first sample on NTC Great Lakes property for the North Branch of Pettibone Creek) would have the highest concentrations of contaminants. A table with these results is attached.

NTC Great Lakes provided 8 pages of the 1908 Illinois Geological Bulletin that included pictures of Pettibone Creek before NTC Great Lakes was constructed. These pages put into a pdf file and e-mail to the meeting participants.

Additional comments will be received in the near future on the RI/RA report. These comments will have a response to comments prepared and changes to the document will be made accordingly.

**ACTION ITEMS – TtNUS will make changes to the report in track change mode. The revised RI/RA will be submitted electronically for review prior to submitting the final version.**

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			Samples 9/24/2001		
			NTC17PCSD01	NTC17PCSD01	NTC17PCSD06
			1 <sup>st</sup> Sample on NTC Great Lakes property at culverts near bridge		1 <sup>st</sup> Sample in tributary
Parameter	Unit	TACO Soil Criteria Soil Ingestion	0 to 4 cm	1 foot	0 to 4 cm
4,4'-DDD	ug/kg	3000	25	3.8	3.7
4,4'-DDE	ug/kg	2000	36	8.5	5.1
4,4'-DDT	ug/kg	2000	32	9.5	4.9
ACENAPHTHYLENE	ug/kg	4700000	ND	130	ND
ALDRIN	ug/kg	40	6.4	0.97	ND
ALPHA-CHLORDANE	ug/kg	50	ND	2.4	0.16
ALUMINUM	mg/kg	NC	4270	3960	2480
ANTHRACENE	ug/kg	23000000	4000	1600	58
ANTIMONY	mg/kg	31	1.5	0.45	0.51
AROCLOR-1254	ug/kg	1000	300	92	ND
ARSENIC	mg/kg	13	10.4	4.7	5.2
BARIUM	mg/kg	5500	54.2	45.3	122
BENZO(A)ANTHRACENE	ug/kg	900	11000	4100	440
BENZO(A)PYRENE	ug/kg	90	11000	4000	460
BENZO(B)FLUORANTHENE	ug/kg	900	12000	4100	490
BENZO(G,H,I)PERYLENE	ug/kg	3100000	7500	2600	230
BENZO(K)FLUORANTHENE	ug/kg	9000	6300	2300	270
BERYLLIUM	mg/kg	160	0.73	1.8	0.44
CADMIUM	mg/kg	78	3.7	0.44	ND
CHROMIUM	mg/kg	390	55.8	16	13.1
CHRYSENE	ug/kg	88000	12000	4200	480
COBALT	mg/kg	4700	10.1	5.4	7.9
COPPER	mg/kg	2900	368	370	129
DIELDRIN	ug/kg	40	ND	ND	0.25
ENDOSULFAN II	ug/kg	470000	12	2.8	0.52
FLUORANTHENE	ug/kg	3100000	33000	13000	1000
FLUORENE	ug/kg	3100000	2400	840	40
INDENO(1,2,3-CD)PYRENE	ug/kg	900	5800	1600	270
IRON	mg/kg	NC	14900	21800	13000
LEAD	mg/kg	400	322	187	123
MANGANESE	mg/kg	3700	436	1600	662
MERCURY	mg/kg	23	0.94	0.31	0.09
NICKEL	mg/kg	1600	20.9	18.4	9.9
PHENANTHRENE	ug/kg	3100000	24000	8500	460
PYRENE	ug/kg	2300000	27000	9700	890
SELENIUM	mg/kg	390	0.6	ND	ND
SILVER	mg/kg	390	0.95	ND	ND
VANADIUM	mg/kg	550	14	15.6	12.1
ZINC	mg/kg	23000	1140	2620	899

Shaded results exceed the TACO soil criteria for ingestion



# GREAT LAKES NTC MEETING AGENDA



Attendees: Bob Davis – TtNUS  
 Anthony Robinson – Navy, SouthDiv Charleston  
 Georgia – Navy Attorney, NTC Great Lakes  
 Marcia Lee, Bob Vanbendegom, Dan Fleming – Navy, NTC Great Lakes  
 Brian Conrath - IEPA

Dress: Casual  
 Location: Bldg 1A, NTC Great Lakes

## Tuesday, August 12, 2003

TIME	TOPIC	OBJECTIVE	LEAD
0900-0915	Check-in	Check-in	
0915-0930	Site 7	Status of signed pages, Administrative Record, Final electronic deliverable	TtNUS
0930-1100	Project Overview and Field Activities – Site 22	Bring everyone up to speed on status/objectives, field activities and site visit	TtNUS
1100-1200	Site 17 WCSD	Discuss comments and response to comments from review of WCSD for Site 17	TtNUS
1200-1300	Lunch		
1300-1430	Site 17 RI/RA	Discuss comments and response to comments from review of Site 17 RI/RA	TtNUS
1430-1445	Break		
1445-1500	Wrap Up	Questions	TtNUS