The Executive Summary from the hazardous material reconnaissance and record review for the USH 8 Project, I.D. No. 1570-32-00, which was completed in March 2003, is duplicated below.

1.0 EXECUTIVE SUMMARY

1.01 Project Description

The project corridor on USH 8 begins at STH 35 in Polk County and ends at the Red Cedar River near CTH O in Barron County. This is a preliminary study to assess areas of potential environmental concerns along the corridor and potential bypass routes. The study area consists of a 1/4-mile radius along USH 8. The search radius was extended 1 mile north and 2 miles south around Turtle Lake and 2 miles north and 2 miles south around Barron to include areas for potential bypass routes.

1.02 Potential Sites of Concern

Potential sites of concern are discussed in Section 3 and listed on Table 4.01-1. Because construction and acquisition activities are not known, all of the sites identified are assumed to have the potential for environmental concern and may warrant additional Phase 1 or Phase 2 investigation. Approximately 116 sites of concern were identified. A “Potential Risk” column was included on Table 4.01-1 to rank the sites with regard to the potential for environmental issues that may impact the project. Of the 116 sites identified, 17 were ranked High risk, 20 were Medium risk, and the remaining 79 were rated as Low risk. The majority of sites with Medium and High risk rankings were located in or near Barron with direct access to USH 8.

1.03 Recommendations

We recommend further evaluation of all sites identified in this report when more information on design, acquisition, and construction activities is known. Potential sites of concern should be eliminated based on right-of-way (R/W) acquisition and excavation activities. Site visits and owner interviews should be conducted on those sites affected by acquisition and excavation activities to determine if a Phase 2 investigation is warranted.

TABLE 4.01-1

SITES WITH POTENTIAL ENVIRONMENTAL CONCERNS

	ECOSEARCH SITE NOS.	PHASE 1 SITE NOS. (sites not identified by EcoSearch)	SITE NAME	SITE LOCATION	PRIMARY POTENTIAL CONCERN(S)	SOURCE (S)	POTENTIAL RISK
Township of St. Croix Falls							
1.	1		Spill Site	Balsam Lake	Spills	EcoSearch, and DNR	Low
2.		A	A Residence	USH 8	Abandoned vehicles on property	RV	Low
3.		B	A Business	USH 8	Possible vehicle repair facility, abandoned vehicles on property	RV	Low
4.		C	A Business	USH 8	Possible vehicle repair facility	RV	Low
Township of Balsam Lake							
5.		D	A Residence	USH 8	Abandoned vehicles on property	RV	Low
6.	248		Landfill	Town of Balsam Lake	SWF	EcoSearch, DNR	Low
Township of Apple River							
7.		E	A Business	Town of Apple River	Possible fill areas located on property	RV	Low
8.		F	Farmstead	USH 8	AST	RV	Low
9.		G	A Business	Town of Apple River	Salvage Yard Operation	RV	Low
10.	2		A Business	USH 8, Amery	LUST, RST	EcoSearch and DNR	Low
11.	6		A Business	USH 8, Clayton	RST	EcoSearch, and Comm	Low
12.	7		A Business	RR 1, Amery	RCRA	EcoSearch	Low
13.	8		A Business	USH 8, Clayton	RST	EcoSearch, Comm	Medium
14.	9		A Business	RR 1, Amery	RCRA, Potential former auto repair	EcoSearch	Medium

	ECOSEARCH SITE NOS.	PHASE 1 SITE NOS. (sites not identified by EcoSearch)	SITE NAME	SITE LOCATION	PRIMARY POTENTIAL CONCERN(S)	SOURCE (S)	POTENTIAL RISK
Township of Beaver							
15.	10		A Business	USH 8, Amery	LUST, RST	EcoSearch, DNR, Comm	Low
16.	15		A Business	Turtle Lake	RST (ASTs)	EcoSearch, Comm	Low
17.	18		A Business	USH 8, Turtle Lake	RST	EcoSearch, RV, Comm	Low
18.	20		A Business	Turtle Lake	RCRA, Vehicle service facility	EcoSearch, RV	Low
Township of Almena							
19.	23		Lloyd Hoffman Property	USH 8, Turtle Lake	LUST, RST	EcoSearch, DNR, and Comm	Low
20.	24		A Business	USH 8, Turtle Lake	LUST, RST	EcoSearch, DNR, and Comm	Low
21.	25		A Business	RR 2, Turtle Lake	LUST, RCRA, RST, TRI	EcoSearch, DNR, and Comm	Low
22.	31		A Business	Turtle Lake	LUST	EcoSearch, and DNR	Medium
23.	31		A Business	USH 8, Turtle Lake	LUST	EcoSearch, and DNR	Medium
24.	32		A Business	USH 8, Turtle Lake	LUST	EcoSearch, and DNR	Low
25.	29 and 35		A Business	USH 8 Turtle Lake	RST, LUST	EcoSearch, DNR, and Comm	Medium
26.	40		A Business	Turtle Lake	LUST	EcoSearch, and DNR	Low
27.	41		A Business	Turtle Lake	LUST, TRI, ERNS	EcoSearch, and DNR	Low
28.	42		A Business	Turtle Lake	LUST, RCRA, RST	EcoSearch, DNR, and Comm	Low

	ECOSEARCH SITE NOS.	PHASE 1 SITE NOS. (sites not identified by EcoSearch)	SITE NAME	SITE LOCATION	PRIMARY POTENTIAL CONCERN(S)	SOURCE (S)	POTENTIAL RISK
29.	44		A Business	Turtle Lake	LUST, RST	EcoSearch, and DNR	Low
30.	48		A Business	Town of Almena	SWF	EcoSearch, DNR	Medium
31.		H	A Business	Turtle Lake	Abandoned vehicles on property	RV	Low
32.		I	A Business	USH 8 West, Almena	Abandoned vehicles and debris on property	RV	Low
33.		J	A Business	Town of Almena	AST	RV	Low
34.	58		A Business	USH 8, Almena	RST, LUST	EcoSearch, Comm, and DNR	Medium
35.		CC	Parcel with Debris	USH 8	Miscellaneous debris across parcel	RV	Medium
Township of Clinton							
36.	55[1]		A Business	USH 8, Almena	ERP	EcoSearch, and DNR	Medium
37.		K	A Business	USH 8, Poskin	AST	RV	Low
38.		L	Vacant **Business**	Poskin	Possible former auto repair facility or gas station	RV	High
39.		M	A Business	Poskin	Abandoned vehicles on property, present use of property, potential former gas sites	RV	High
40.		N	A **Business**	USH 8,, Poskin	Possible former auto repair facility	RV	Low
41.		O	A Business	USH 8, Poskin	Possible former auto or equipment repair facility or gas sales	RV	High
42.		P	A Business	USH 8, Barron	Auto repair facility	RV	Low

	ECOSEARCH SITE NOS.	PHASE 1 SITE NOS. (sites not identified by EcoSearch)	SITE NAME	SITE LOCATION	PRIMARY POTENTIAL CONCERN(S)	SOURCE (S)	POTENTIAL RISK
Township of Barron							
43.	156		A Business	Barron	SWF	EcoSearch and DNR	Low
44.		Q	A Business	Barron	Auto repair facility	RV	Low
45.	198		A Business	Barron	SWF	EcoSearch and DNR	Low
46.	86		A Business	Barron	LUST, RST	EcoSearch, DNR, and Comm	Low
47.	87		A Business	Barron	LUST	EcoSearch and DNR	Low
48.	101		A Business	Barron	ERP, RST	EcoSearch, DNR, and Comm	Low
49.	107		A Business	Barron	ERP, RST	EcoSearch, DNR, and Comm	Medium
50.	110		A Business	Barron	LUST, RST	EcoSearch, DNR, Comm, and RV	High
51.		R	A Business	Barron	Possible former auto repair facility, monitoring well on property	RV	High
52.	111		A Business	Barron	RST	EcoSearch, and Comm	Low
53.	113		A Business	Barron	LUST	EcoSearch, and DNR	Low
54.	116		A Business	Barron	RST, SFI (Also see #109)	EcoSearch, and Comm	High
55.	117		A Residence	Barron	Spills	EcoSearch, and DNR	Low
56.	121		A Business	USH 8, Barron	LUST, SFI	EcoSearch, DNR	High

	ECOSEARCH SITE NOS.	PHASE 1 SITE NOS. (sites not identified by EcoSearch)	SITE NAME	SITE LOCATION	PRIMARY POTENTIAL CONCERN(S)	SOURCE (S)	POTENTIAL RISK
57.	129		A Business	Barron	LUST, RCRA, RST	EcoSearch, DNR, and Comm	Medium
58.		S	A Business	Barron	Possible former auto repair facility, SFI	RV	Low
59.		T	A Business	Barron	Auto repair facility	RV	Low
60.		U	A Business	Barron	Possible auto repair facility	RV	Low
61.	135		A Business	Barron	LUST, RST	EcoSearch, DNR, and Comm	High
62.	137		A Business	Barron	LUST, RST	EcoSearch, DNR, and Comm	Low
63.	139		A Business	Barron	LUST, RST	EcoSearch, DNR, and Comm	Low
64.	143		A Business	Barron	LUST, RST, RCRA	EcoSearch, DNR, and Comm	High
65.		V	A Business	Barron	Welding Shop	RV	Low
66.		W	A Business	Barron	Possible former auto repair/service facility	RV	Medium
67.		X	A Business	Barron	Auto repair facility	RV	Low
68.	151		A Business	Barron	Spills (2), LUST, RST, TRI	EcoSearch, DNR, and Comm	Low
69.		Y	A Business	Barron	Welding facility	RV	Low
70.	154		A Business	Barron	ERP, RCRA	EcoSearch, and DNR	Low
71.		Z	A Business	Barron	Possible auto/truck repair facility	RV	Medium
72.	157		A Business	Barron	Spills (5), ERP, RST, TRI, RCRA, and ERNS	EcoSearch, DNR, and Comm	Low

	ECOSEARCH SITE NOS.	PHASE 1 SITE NOS. (sites not identified by EcoSearch)	SITE NAME	SITE LOCATION	PRIMARY POTENTIAL CONCERN(S)	SOURCE (S)	POTENTIAL RISK
73.	162		A Business	Barron	LUST, RST	EcoSearch, DNR, and Comm	Low
74.	178		Spill Site	Barron	Spills	EcoSearch, and DNR	Low
75.	188		A Business	Barron	Spills, LUST	EcoSearch, and DNR	Low
76.	191		A Business	Barron	ERP, RST	EcoSearch, DNR, and Comm	Low
77.	83[1]		A Landfill	Barron	HRL (HWS), SWF, ERP	EcoSearch and DNR	Low
78.	196		A Business	Barron	LUST, RST	EcoSearch, DNR, and Comm	Low
79.	199		A Business	Barron	Spills, RCRA	EcoSearch, and DNR	Low
80.		AA	A Business	Barron	Auto repair facility	RV	Low
81.	200		A Business	Barron	Auto repair facility	RV	Medium
82.	206		A Business	Barron	LUST, RST, RCRA	EcoSearch, DNR, and Comm	Low
83.	202		A Business	Barron	Spills, RST, and AST	EcoSearch, Comm, DNR, and RV	Medium
84.	203[1]		Spill Site	Barron	Spills	EcoSearch, and DNR	Low
85.	212		A Business	Barron	ERP, RCRA	EcoSearch, and DNR	Low
86.		BB	A Business	USH 8	Salvage yard operation	RV	Low

Potential sites of concern located on Sanborn Fire Insurance Maps					
	PHASE 1 SITE NOS.	SITE NAME/SITE TYPE	SITE ADDRESS/LOCATION	PRIMARY POTENTIAL CONCERN (S)	POTENTIAL RISK
1894 City of Barron Map: Sites located along or within 200 feet of the project corridor.					
87.	300	A Business	Barron	Timber facility – sawing, planing, turning, and cutting	Medium
1894 City of Barron Map: Sites located greater than 200 feet from the project corridor.					
88.	301	A Business	Barron	RR Facility	Low
89.	302	A Business	Barron	Mill Company	Low
90.	303	A Business	Barron	Painting Facility	Low
1902 City of Barron Map: Sites located along or within 200 feet of the project corridor.					
91.	304	A Business	Barron	Printing Facility	Low
1902 City of Barron Map: Sites located greater than 200 feet from the project corridor.					
92.	305	A Business	Barron	Oil Facility	Low
1909 City of Barron Map: Sites located along or within 200 feet of the project corridor.					
None Noted					
1090 City of Barron Map: Sites located greater than 200 feet from the project corridor.					
93.	306	A Business	Barron	Engine Repair Facility	Low
94.	307	A Business	Barron	Paint Facility	Low
95.	308	A Business	Barron	Printing Facilities	Low
1926 City of Barron Map: Sites located along or within 200 feet of the project corridor.					
96.	121	A Business	Barron	Filling Station	High
97.	309	A Business	Barron	Battery Facility (Also see #108)	High
98.	310	A Business	Barron	Auto Repair Facility	Medium
99.	311	A Business	Barron	Junk Yard	High

Potential sites of concern located on Sanborn Fire Insurance Maps					
	PHASE 1 SITE NOS.	SITE NAME/SITE TYPE	SITE ADDRESS/LOCATION	PRIMARY POTENTIAL CONCERN (S)	POTENTIAL RISK
1926 City of Barron Map: Sites located greater than 200 feet from the project corridor.					
100.	312	A Business	Barron	Dry Cleaning Facility with Gasoline Tanks on Site (Also see #118))	Medium
101.	313	A Business	Barron	Filling Station	Low
102.	314	A Business	Barron	Automobile Garage with Gasoline Tanks on Site	Low
103.	315	A Business	Barron	Automobile Garage and Gasoline Tanks on Site (Also see #121)	Low
104.	316	A Business	Barron	Filling Station (Also see #122)	Low
105.	317	Unknown Site	Barron	Gasoline tank on site	Low
106.	318	A Business	Barron	Gasoline tank on site	Low
107.	319	A Business	Barron	Canning Facility (Also see #123)	Low
1926 City of Barron Map w/corrections from 1935 and 1945: Sites located along or within 200 feet of the project corridor.					
108.	320	A Business	Barron	Filling Station	High
109.	309	A Business	Barron	Filling Station	See #96
110.	116	A Business	Barron	Filling Station	See #53
111.	304	A Business	Barron	Battery Facility	See #90
112.	321	A Business	Barron	Filling Station	High
113.	310	A Business	Barron	Auto Repair Facility, Machine Shop, with gasoline tank on site	See #97
114.	322	A Business	Barron	Filling Station	High
115.	323	A Business	Barron	Filling Station	High
	PHASE 1 SITE NOS.	SITE NAME/SITE TYPE	SITE ADDRESS/LOCATION	PRIMARY POTENTIAL CONCERN (S)	POTENTIAL RISK
116.	324	A Business	Barron	Auto Repair Facility with gasoline tanks on site	High
1926 City of Barron Map w/corrections from 1935 and 1945: Sites located greater than 200 feet from the project corridor.					
117.	325	A Business	Barron	Auto Repair Facility with gasoline tanks on site	Medium
118.	S	A Business	Barron	Auto Repair Facility with gasoline tanks on site	Medium
119.	312	A Business	Barron	Dry Cleaning Facility with Gasoline Tanks on Site	See #99
120.	326	A Business	Barron	Filling Station	Low

121.	327	A Business	Barron	Auto Garage with gasoline tanks on site	Low
122.	315	A Business	Barron	Auto Garage with gasoline tanks on site	See #102
123.	316	A Business	Barron	Filling Station	See #103
124.	319	A Business	Barron	Canning Facility	See #106

Notes:

A. Acquisition, excavation, and construction activities are unknown at this time.
B. No survey has been completed, therefore, no station locations are available at this time.
C. Please refer to Section 4 for recommendations.

[1] Indicates those sites which were located incorrectly by EcoSearch. The correct site locations are reflected on the site location maps (Figures 3.06-1 through 3.06-7 and in the Appendices).
[2] Indicates sites located on more than one Sanborn Fire Insurance Map.

AST = Aboveground Storage Tank
DNR = DNR identified
ERNS = Emergency Response Notification System
ERP = Environmental Repair Program
HRL (HWS) = Wisconsin Hazard Ranking List
LUST = Leaking Underground Storage Tank
RCRA = Resource Conservation and Recovery Information System
RST = Registered Storage Tank
RV = reconnaissance visit
SFI = Sanborn Fire Insurance Map
TRI = Toxic Release Inventory
UST = Underground Storage Tank

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May 7, 2004

Dena Grumdahl
Wisconsin Department of Transportation, District 8
1701 North 4th Street
Superior, WI 54880-1068

Re: US 8 EIS Hazardous Material Assessment Addendum

Dear Ms. Grumdahl:

An additional BRRTs and Department of Commerce (COMM) search has been conducted for the US 8 EIS project in the area of the Deer Lake Far Southern Realignment Alternative. The Deer Lake Far Southern Realignment alternative was added to the list of alternatives after the completion of the Phase 1 Hazardous Material Assessment. Some of the database search radii from the First Search Report that was ordered for the project corridor do not include the Deer Lake Far Southern Realignment. Database searches not included were:

- ERNS- Emergency Response Notification System
- RCRA generator
- Spills
- RST- Registered Storage Tanks.

BRRTs and Department of Commerce were searched for 120th Avenue, 122nd Avenue, and 170th Street. Two UST sites were found in the area of the Deer Lake Far Southern Alternative. The two UST sites were about 0.25 mile and about 0.75 miles from the corridor, are not expected to require further investigation. No other sites from the additional search were found.

Sincerely,

STRAND ASSOCIATES, INC.

Tasha L. Stoiber

Tasha L. Stoiber

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