

ARCHIVE NOTE
ARCHIVE DECISION -EPA REGION VII

SITE NAME: Ottumwa (ex) Navy Air Station EPA ID#: IAN000703254 SSID#: _____

Alias Site Names: _____

City: Ottumwa State: IA County or Parish: Wapello Zip Code: 52501

DECISION CHECKLIST:
No Further Superfund Interest Exists at the Site based upon the following:

All CERCLIS Site work has been completed. Yes No N/A
{site assessment, RI/FS, RD, RA, O&M, All Monitoring, Closeout Report, 5-yr review, NPL Deletion, Removal(s)}:

All Enforcement actions have been completed. Yes No N/A
{PRP has complied with all aspects of enforcement document(s), All Orders and/or Consent Decrees have been closed out}

All Cost Recovery actions have been completed. Yes No N/A
{final billing sent & collected, referral completed, DD completed}

All existing monitoring wells closed in accordance with State Regulations. Yes No N/A
Date of final well closure: _____

If any of the above questions have a no response, site does not qualify for archival.

DISCUSSION/RATIONALE FOR ARCHIVAL:

The Ottumwa (ex) Navy Air Station (NAS) site is located about 5 miles north of the City of Ottumwa in Wapello County, Iowa. The former Ottumwa NAS was commissioned in March 1943. In June 1945, the site included 76 buildings, an aircraft landing field with two concrete runways, asphalt landing mats, and a concrete aircraft parking area. A rifle range, skeet range, and ammunition storage were also on site. In 1947, the property was leased to the City of Ottumwa for use as a public airport. In 1957, title to the land-not the improvements-reverted to the City. From about 1959 to 1964, the facility was used by the Air Force as the Ottumwa Tracking and Data Acquisition Annex. In 1964, the facility improvements were sold to the City; however, the United States Air Reserve (USAR) requested space for a Motor Repair Shop and Reserve Center. The USAR used an existing building until 1981, when a new building was constructed. The site currently serves as the Ottumwa Industrial Airport. Much of the northern portion of the site is owned by a community college, which formerly used buildings in the area for its campus. Much of this area is now farmed or mowed for hay. Much of the southern part of the property is a business park. Main employers on site are the American Bottling Company, Al-Jon, Inc. and Morris Asphalt and Paving.

Because no records were available regarding hazardous substances used at the facility, a variety of contaminants associated with typical operation and maintenance at DoD facilities-including fuels, solvents, VOCs, metals, and PCBs-were considered as possibly released. This investigation was performed to evaluate the presence and extent of site-related contaminants and to determine the impact on human health and the environment.

EPA initiated a Preliminary Assessment (PA) in January 2006. During the PA, the potential source areas, groundwater migration, surface water migration, soil exposure, and air migration pathways were assessed. Soil samples were collected from one background location and 10 soil borings at or downgradient of potential source areas. No contaminants other than iron and arsenic exceeded health-based benchmarks. Because the iron and arsenic concentrations did not exceed three times the concentrations reported in the background sample, they are considered to represent naturally occurring levels. Groundwater was not encountered at the site, and no active drinking water wells were identified in the area. Consequently, no groundwater samples were collected during this investigation. Drinking water for the site facilities and nearby residents is supplied by surface water intakes from the Des Moines River.

continue

The site is situated on a flat to gently sloping topographic high with drainage generally to the north, south, and west. The western surface water pathway was not evaluated because it receives drainage only from the undeveloped (other than runways) western portion of the facility. Drainage from the developed portion of the site is southward to Little Cedar Creek. This creek flows southeast from the site, and then turns to the northeast to discharge into Cedar Creek. Cedar Creek flows southeast paralleling the Des Moines River through neighboring Jefferson County and discharges into the Skunk River in Henry County. Drainage from the northern portion of the site is into unnamed tributaries of Cedar Creek. Both of these drainages contained surface water during the investigation. The surface water sample from the northern drainage contained aluminum and iron concentrations in excess of ecological benchmarks; however, these concentrations are believed related to the high sediment content of the sample. Concentrations of mercury, lead, manganese, selenium, and zinc detected in a sediment sample and its duplicate were significantly elevated relative to background; however, these metals were not elevated in soil samples collected at or downgradient of potential source areas. Consequently, it is uncertain whether the source for these elevated metals is related to former DoD operations or to current industrial operations at the site.

Extractable TPHI was detected in the southern drainage sediment sample, in both the northern and southern drainage surface water samples and in 15 of the 19 soil samples. Purgeable TPH was detected at an estimated 1,600 ug/kg in one sample, collected at 10 to 12 feet bgs. This sample was collected downgradient of the former motor repair facility (now Al-Jon) and was noted to have a fuel odor and elevated PID reading (56.6 parts per million) during sampling. No federal health-based benchmark levels are available for TPH. Further, TPH releases are generally excluded from response actions under CERCLA.

Based upon the findings in this investigation, this site does not warrant further federal response activities under CERCLA/SARA. No further EPA Superfund Activities are expected at this site. No further response under CERCLA/SARA is required and archiving the site is appropriate.

Site Reviewed and Approved by:

SAM/RPM/OSC, if applicable:

Ronald King

Date:

9-17-07

Site Assessment Team Leader:

Ronald King

Date:

9-17-07

Cost Recovery Unit concurrence:

Jules

Date:

9/26/07

IMC Review of site data in CERCLIS:

Cal

Date:

State concurrence:

Cal

Date:

11/16/08

Find:

Site Name	Spill ID	County	EPA ID	Site ID	Archive Ind	FUOS
OTOE FORMER USDA GRAIN BIN		OTOE	NEH000705767	0705767		
OTTAWA (EX) SATELLITE POW CAMP #8		FRANKLIN	KSH000703205	0703205		Y
OTTAWA FORMER USDA GRAIN STORAGE FACILITY		CLARKE	IAN000703927	0703927		
OTTO FABRIC INC		SEDCWICK	KSD981708670	0700692	Archived	
OTTUMWA (EX) NAVY AIR STATION		WAPELLO	IAN000703254	0703254		Y
OTTUMWA LANDFILL		WAPELLO	IAD980630925	0700275	Archived	
OTTUMWA-WAPELLO COUNTY SANITARY LANDFILL		WAPELLO	IAD053746517	0700168	Archived	
OUTLOOK DRIVE	07H4	JEFFERSON	MOD980857940	0701409	Archived	
OVERLAND PARK CLOSED CITY LANDFILL		JOHNSON	KSD980632087	0700610	Archived	
OVERLAND PARK FIRE STATION		JOHNSON	KSH000704480	0704480		
OVERLAND PARK PARKS DEPARTMENT		JOHNSON	KSH000705168	0705168		
OVERNITE TRANSPORTATION CO	0789	ST. LOUIS	MOD085903839	0701063		
OWASA FORMER USDA GRAIN STORAGE FACILITY		HARDIN	IAN000704102	0704102		
OWASA SOUTH FORMER USDA GRAIN STORAGE FACILITY		HARDIN	IAN000704213	0704213		
OWEN ZINC COMPANY (FORMER)	07TQ	MONTGOMERY	KSD984971911	0702313		
OWENS CORNING FIBERGLAS CORP		WYANDOTTE	KSD000610725	0700424	Archived	

There are 5541 sites

EPA Site ID: Site Section:

Site Name:

City, ST, Zip: |

NPL Status: Not on the NPL

Federal Facility:

Site Contact(s):

L-(EFLR) Enfr./Fund Lead RV Branch

BAILEY, DIANA	(913) 551-7717	Other Regional Contact
RAPPLEAN, KEN	(913) 551-7769	Other Regional Contact
KING, RON	(913) 551-7568	Site Assessment Manager (SAM)

Site Information	Removal
Site Assessment	Community Involvement
Site Comments	Remedy Selection
Federal Facilities	Project Management
Enforcement	Program Management

Select Site List From

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 Searched
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 Active
 FUOS

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Site Name: OTTUMWA (EX) NAVY AIR STATION

S	▲	C	●	OU	Action Name	Sq	Ld	Planned			Actual		H	Qual	Takeover Phased	SCAP Note	EPA Person
								Start	FYQ	Complete	FYQ	Start					
				00	DISCOVERY	001	F	00/00/0000		00/00/0000		00/00/0000	05/31/2001				
				00	PRE-CERCLIS SCREENING	001	F	02/16/2001	2001/2	08/10/2001	2001/4	03/30/2001	05/31/2001			need investigation	
				00	TetraTech report	002	F	00/00/0000		05/07/2001	2001/3	03/30/2001	05/21/2001			TetraTech	
				00	EPA received report	004		00/00/0000		00/00/0000		00/00/0000	05/23/2001				
				00	EPA review and approval of rep	003	EP	00/00/0000		05/08/2001	2001/3	00/00/0000	05/31/2001			further investigatio	
	C			00	INPR - USCOE	001	FF	00/00/0000		00/00/0000		00/00/0000	03/12/1990				
	C			00	USACE site visit	001	FF	00/00/0000		00/00/0000		00/00/0000	10/20/1989				
	C			00	letter from IA certificate	006	S	00/00/0000		00/00/0000		00/00/0000	00/00/0000			LUST	
				00	Technical Report & History	005	FF	00/00/0000		00/00/0000		00/00/0000	02/27/1947			Navy report	
	C			00	USACE Site Survey/deeds	007	FF	00/00/0000		00/00/0000		00/00/0000	05/01/1991			amended INPR	
	C			00	INPR - USCOE	002	FF	00/00/0000		00/00/0000		00/00/0000	07/12/1991			singed MO div	
	C			00	USACE letter to State of IA	008	FF	00/00/0000		00/00/0000		00/00/0000	06/30/1997				
				00	UNDERGROUND STORAGE TAN	001	FF	00/00/0000		00/00/0000		00/00/0000	03/01/1995		H		
				00	PRELIMINARY ASSESSMENT	001	F	02/01/2006	2006/2	12/30/2006	2007/1	01/30/2006	11/09/2006		N		
				00	QAPP sent to QA Coord. for review	009	EP	00/00/0000		00/00/0000		00/00/0000	04/04/2006				
				00	Review Memo from QA Coord.	010	EP	00/00/0000		00/00/0000		00/00/0000	05/03/2006				
				00	Approval of QAPP	011	EP	00/00/0000		00/00/0000		00/00/0000	05/03/2006				
				00	Email to TTEMI on QAPP Memo	012	EP	00/00/0000		00/00/0000		00/00/0000	05/08/2006				
				00	Email to IDNR and USACE trans	013	EP	00/00/0000		00/00/0000		00/00/0000	05/10/2006				
				00	Receipt of ASR	014	EP	00/00/0000		00/00/0000		00/00/0000	05/24/2006				
				00	Analytical Results Received	015	EP	00/00/0000		00/00/0000		00/00/0000	07/20/2006				
				00	Analytical Results sent to TTEMI	016	EP	00/00/0000		00/00/0000		00/00/0000	07/20/2006				
				00	Data Transmittal Letters Mailed	017	EP	00/00/0000		00/00/0000		00/00/0000	09/07/2006			Three Letters	
				00	Receipt of Draft Report	018	F	00/00/0000		00/00/0000		00/00/0000	10/18/2006				
				00	Transmitting approved PA to IDNR	019	EP	00/00/0000		12/30/2006	2007/1	00/00/0000	11/14/2006				
				00	Transmitting approved PA to pro	020	EP	00/00/0000		12/30/2006	2007/1	00/00/0000	00/00/0000				
				00	Email to TTEMI-Approved Report	021	EP	00/00/0000		00/00/0000		00/00/0000	11/24/2006				
				00	Letter from IDNR concurring with	022	S	00/00/0000		00/00/0000		00/00/0000	11/22/2006				
	C			00	Final Disposition	001	F	00/00/0000		00/00/0000		00/00/0000	11/09/2006			Form 9100-3	