

IOWA DEPARTMENT OF NATURAL RESOURCES

UTILITY COMPANY NOTIFICATION

Complete form and submit it to: the utility company which supplies water service to the area and to the Underground Storage Tank Section, Iowa Department Of Natural Resources, 502 East Ninth Street, Des Moines, IA 50319-0034.
(PLEASE TYPE OR PRINT)

Responsible Party Name: BUJI, LC Phone: (515) 290 - 5676

Tank Site Name: Butch's BP LUST No.: 9LTP48 Registration No.: 198606394

Address of Tank Site: 100 E. Lincoln Way City: Ames Zip Code: 50010

Utility Company Name: City of Ames Public Works Dept. Phone: (515) 239 - 5160

Address: 515 Clark City: Ames State: IA Zip Code: 50010

LEGAL DESCRIPTION OF PROPERTY

NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section No. 2

Township No. 83N Range No. 24W ~~E/W~~ County Story

	Maximum Concentrations of Chemicals of Concern Remaining At the Site					
	Group 1				Group 2: Total Extractable Hydrocarbons	
	Benzene	Toluene	Ethylbenzene	Xylenes	Diesel	Waste Oil
Soil (ppm)	<0.564	<0.564	<0.564	<1.69	516	5,590
Tier 1 levels	2,018	3,212	4543	52	10,500	NA
Groundwater (ppb)	8.22	1.29	3.91	43	7,980	315,000
Tier 1 levels	200290	7300	3700	73,000	75,000	40,000
	3120		3,400	19,000		

Provide site maps showing the extent of soil and groundwater contamination in relation to all existing plastic water lines within 200 feet of the source of contamination. As described on the back of this form.

- Will active corrective action for soil and/or groundwater to plastic water lines be required at the site? ☒ no
☐ yes
- If yes, what is the proposed corrective action? _____

I certify that the foregoing information is true and correct to the best of my knowledge and agree to provide any additional information the department or utility company may need concerning this site.

Print Name, Address and Phone Number of Certified Groundwater Professional

William Miner IGWP#1081
PO Box 461
Ames, IA 50010
(515) 232 - 4957

Signature: _____

Date: _____

W. Miner

5-2-2012

DNR FORM 542-1531



TERRY E. BRANSTAD, GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
LARRY J. WILSON, DIRECTOR

MEMORANDUM

TO: Interested Water Utility
FROM: Iowa Department of Natural Resources
RE: Utility Notification of Subsurface Contamination - DNR Form 542-1531

An area contaminated with petroleum compounds may exist within your present or future water distribution system. The petroleum-based chemicals of concern include benzene, toluene, ethylbenzene, xylenes and other compounds found in gasoline, diesel and waste oil. These chemicals entered the ground from a release at the site referenced on the second line on DNR Form 542-1531. They are often transported in the direction of groundwater flow.

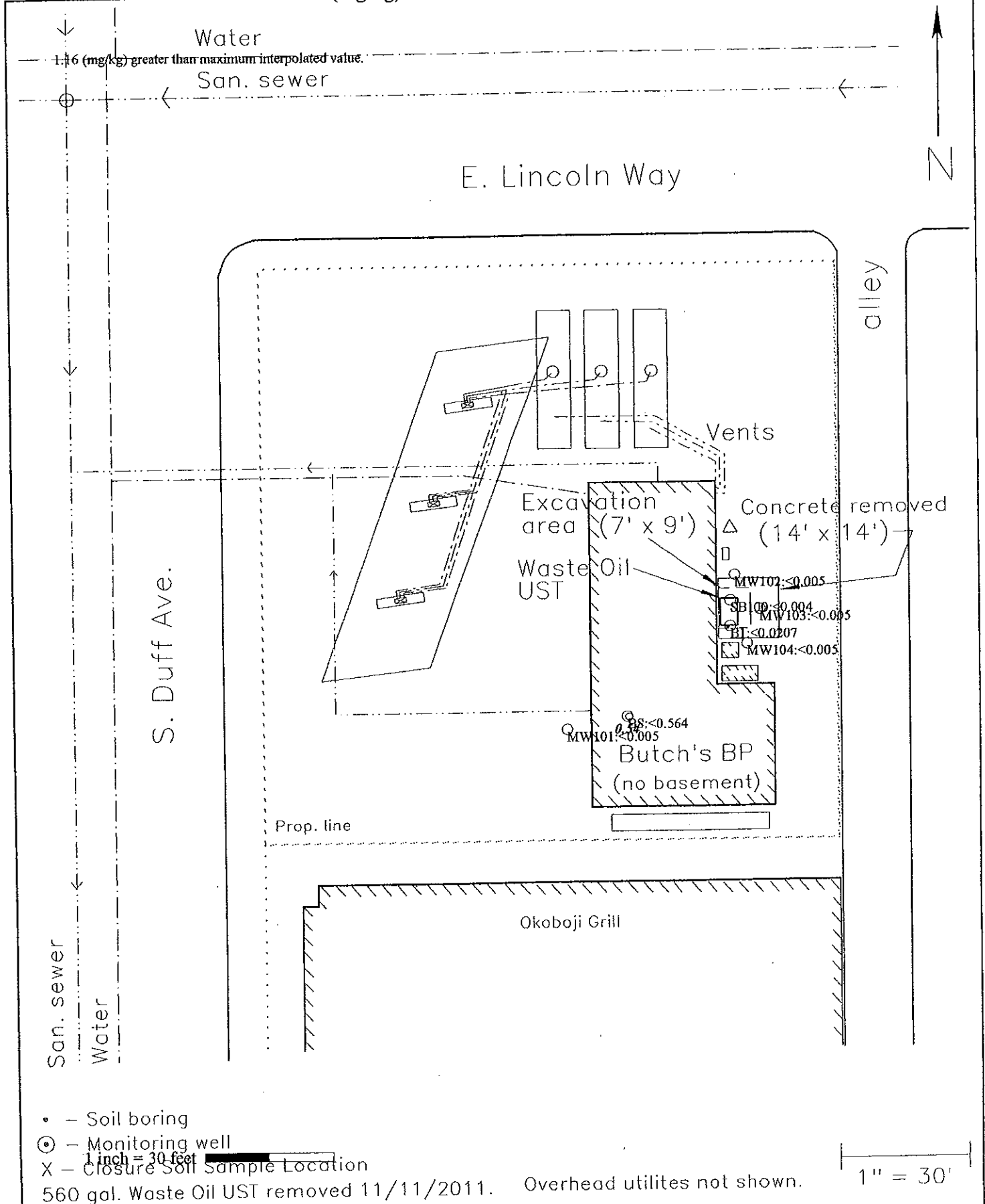
The main concern is for plastic drinking water lines within the current or predicted contamination zone (see attached form and maps). Where sufficient concentrations are present in soil or groundwater, plastic water line can degrade and benzene can diffuse through pipe walls and contaminate the water supply. This information is sent to you in response to present regulations (Iowa Administrative Code 135).

A risk-based corrective action (RBCA) assessment has been done at the site—either a Tier 1 or a Tier 2. At Tier 1, only a few samples are taken to try to identify the maximum contamination. If more assessment is needed, a Tier 2 is done where several samples are taken to see how far soil and groundwater contamination has spread. Therefore, if the attached maps are from Tier 1, they probably will show only a few soil and groundwater samples. If these maps are from Tier 2, they will show how far the actual contamination plume(s) have spread and computer-simulated contamination plume(s).

A standard DNR utility notification form (DNR Form 542-1531) and site map(s) are enclosed. The data may prove useful in planning if you change or expand your water distribution system near the referenced site.

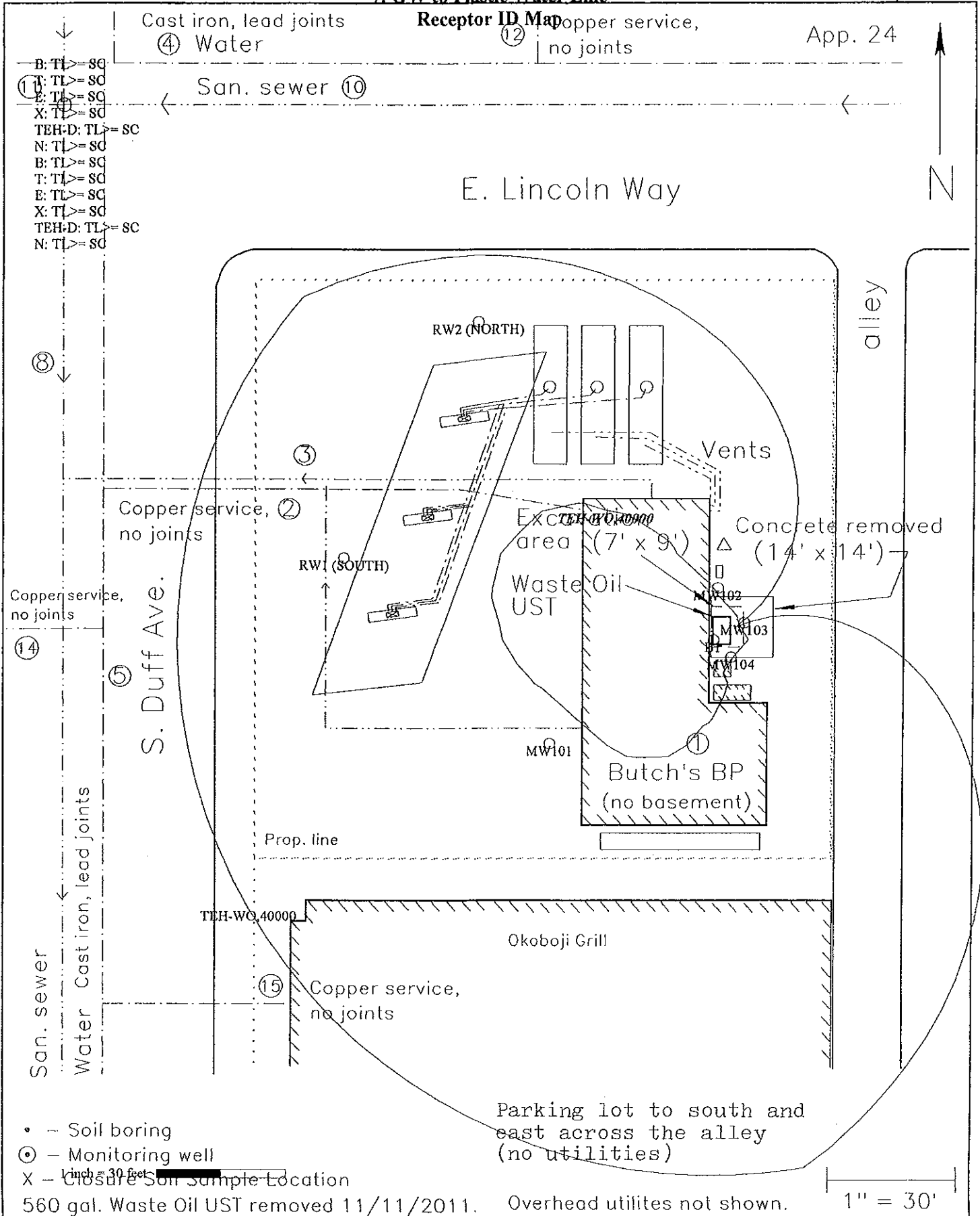
The table on the front side of this form contains the maximum contamination levels found in the soil and groundwater at this site. Below these numbers is a row containing the Iowa Department of Natural Resources' Tier 1 levels.

June 1998

Soil Plume Contours: Benzene(mg/kg)

TITLE: Scaled Site Plan - Butch's BP
100 E. Lincoln Way, Ames 9LTP48

FIGURE: I



TITLE: Enclosed Space & Conduit Map
100 E. Lincoln Way, Ames 9LTP48

FIGURE: I