NEW YORK STATE DEPARTMENT OF

ENVIRONMENTAL CONSERVATION

Dear Interested Citizen:

This fact sheet is to inform you about the planned cleanup of soil and soil gas at the Gibson and Cushman Dredging Company facility located at 38 Homan Avenue in Bay Shore, New York.

Environmental investigations have found contamination in the soil and groundwater at this location which requires clean up. The Gibson and Cushman Dredging Company is voluntarily performing the investigation and cleanup of the site in cooperation with the Department of Environmental Conservation and the New York State Department of Health.

If you have any questions or would like additional information, please do not hesitate to contact :

Mr. Jeff Trad, P.E.
Project Manager
NYSDEC
625 Broadway
Albany, New York 12233-7017
(518) 402-9814

For site-related health questions, please contact the following New York State Department of Health representative:

Ms. Melissa Menetti
NYSDOH
Flanigan Square
547 River Street
Troy, NY 12180
1(800)458-1158, ext. 27870

FACT SHEET

Gibson and Cushman Dredging Company
Site Number V-00352-1
38 Homan Avenue
Bay Shore, New York

September 2005

Cleanup to begin at the Gibson and Cushman Dredging Company Site

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Availability of the Work Plan Announced

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Gibson and Cushman Dredging Company, Inc. (GCD) and their environmental consultant working, cooperatively with the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH), have developed a work plan and are planning to begin cleaning up contaminated soil at the company's 38 Homan Avenue site. Investigations to-date at the site confirmed that there are impacts to the subsurface soil and groundwater beneath the GCD facility from operation and maintenance of dredging equipment in the past at this facility. The investigations have also identified contamination from petroleum at the site in the soil and groundwater. Reports describing the results of the investigations are available at the locations identified below. The planned work will actively cleanup the identified contaminated soil contamination above the water table.

This work is being performed voluntarily by GCD under the NYSDEC Voluntary Cleanup Program (VCP).

The Proposed Action: The soil cleanup will consist of excavating contaminated soil from the surface of the entire site not covered by structures. After excavation of the contaminated soil, confirmatory sampling will be performed to ensure cleanup goals were achieved. The excavated contaminated soil will then be properly disposed of off-site. The work plan entitled Revised Voluntary Cleanup Interim Remedial Measure Work Plan, July 7, 2005 is available at the document repositories listed below and describes the cleanup method in detail.

Your Opportunity to Comment on the Work Plan: The work plan is being made available to the public for comment during the period **September 22, 2005** to **October 22, 2005**. Written comments on the plan will be accepted during this period. Significant comments may result in modifications to the work plan.

Document Repositories: (To access the complete work plan)

NYSDEC, Region 1
Attn: Mr. Walter Parish
60 Verona Place
SUNY Campus
Loop Road, Building 40
Stony Brook, NY 11790-2356
(631) 444-0240
M - F - 8:30 AM - 4:30 PM
By appointment

Bay Shore Public Library
Reference Section
1 South Country Road (SR27A)
Bridgewaters, NY 11718
(631) 665-4350

M,T, Th	10:00AM - 9:00PM
W	1:00PM - 9:00PM
F	10:00AM - 6:00PM
Sat	10:00AM - 5:00PM
Sun (Oct-May)	1:00PM - 5:00PM

SITE

The GCD site is a 1.5-acre site located at 38 Homan Avenue in Bay Shore, Suffolk County, New York. It is bounded on the west and south by Pentaquit Creek, on the north by an industrial property, and on the east by Homan Avenue. Pentaquit Creek flows south into Great South Bay. Figure 1 illustrates the location of the GCD site. The surrounding properties use includes commercial, recreational and some residential. The property is used as a base of operations for a dredging business, with barges that are anchored in the adjacent canal.

The property is roughly rectangular in shape, measures approximately 160-feet by 450-feet in size, and is divided into two parcels that are identified as north and south parcels. There are several buildings and other structures on the property. The property has been used to support a dredging operation for the past 80 years. The current owners, GCD, have owned the property for the past 75 years. The property is comprised of two parcels, north parcel and south parcel.

The north parcel is approximately 28,800-square feet, is occupied by a two-story building that houses the company offices, several large portable storage containers (sea containers), and a workshop area (Figure 2).

The southern parcel is approximately 38,400-square feet, contains two maintenance shop buildings, a welding area, equipment shacks, a drum storage area, and storage racks (Figure 2).

During normal dredging support operations the dredging equipment and related parts are removed from floating barges by crane and placed in the southern parcel for repair and maintenance.

INVESTIGATION SUMMARY

Environmental investigations at the site have identified soils contaminated with RCRA metals and petroleum hydrocarbons. In 1997, Roux Associates conducted a limited Environmental Phase II Environmental Site Investigation (ESI) of the property and in 1999 Anson Environmental Ltd. (AEL) conducted additional Phase II ESI activities, which included soil sampling. In 2001, AEL performed additional soil sampling. These investigations revealed that soils in the northern parcel have a moderate amount of non-hazardous petroleum hydrocarbon and metals contamination, and soils located in the southern parcel contain metals contamination.

CURRENT STATUS

Soil excavation has been proposed to remove the on-site soil contamination. This remedy is described in the new work plan which is in the repository.

You may review this work plan and provide comments as indicated on the first page of this fact sheet. There have been multiple efforts to date to understand the nature and extent of contamination at this site. The understanding of the nature of the contamination is now complete. The horizontal extent of the contamination on site is now known. There is additional sampling work required during the excavation to understand the vertical extent of contamination in the soil at the site and how this has impacted groundwater. The present focus is on cleaning up contaminated soil which may be a continuing source of contamination to groundwater.

PROPOSED WORK

The vertical extent of the cleanup will be defined by collecting endpoint samples of soils for laboratory analysis for RCRA metals, plus copper and zinc (Suffolk County metals listing). Endpoint samples will be collected after a two foot thick increment of soil is excavated. Soil will be excavated to a depth such that the remaining soils will meet the New York State Recommended Soil Cleanup Objectives (RSCO). The horizontal limit of the excavation will be determined by the location of the bulkhead on the western and southern sides of the property and the property lines on the eastern and northern sides.

As the soil is excavated from the site, it will be stockpiled on plastic on-site and the excavated material will be sampled and analyzed for RCRA metals to determine if it is contaminated. If the total of any one of the eight RCRA metals exceeds the RSCO for that metal, the soil will be re-sampled for disposal purposes and that soil will be disposed of off-site. If laboratory analysis determines that the soil meets that RSCO for all the RCRA metals, plus copper and zinc, it will be used as backfill for the excavation on-site.

Once the excavation reaches a depth of approximately two feet below grade, endpoint samples will be collected and submitted for laboratory analysis for RCRA metals, plus copper and zinc. If laboratory analytical data indicate that the endpoint soil samples meet the RSCOs for each of the metals, excavation in that area will be stopped. If the endpoint samples do not meet the RSCOs, additional soils will be excavated and deeper endpoint samples collected until the RSCOs are met.

At the northern parcel, the soil contaminated with volatile organic compounds is discolored and is black. This contaminated soil will be excavated until the discolored soils have been removed and the field readings on the PID reach background levels for volatile organic compounds.

SCHEDULE

The work described in the current work plan, is anticipated to begin in approximately late October of this year. It is expected that the work will take approximately six weeks. A final report documenting all of the work will be prepared after the completion of the remedial work. The final version of this report will be available to the public in repositories indicated in this fact sheet.

Streets Plus

Figure 1
Site Location Map

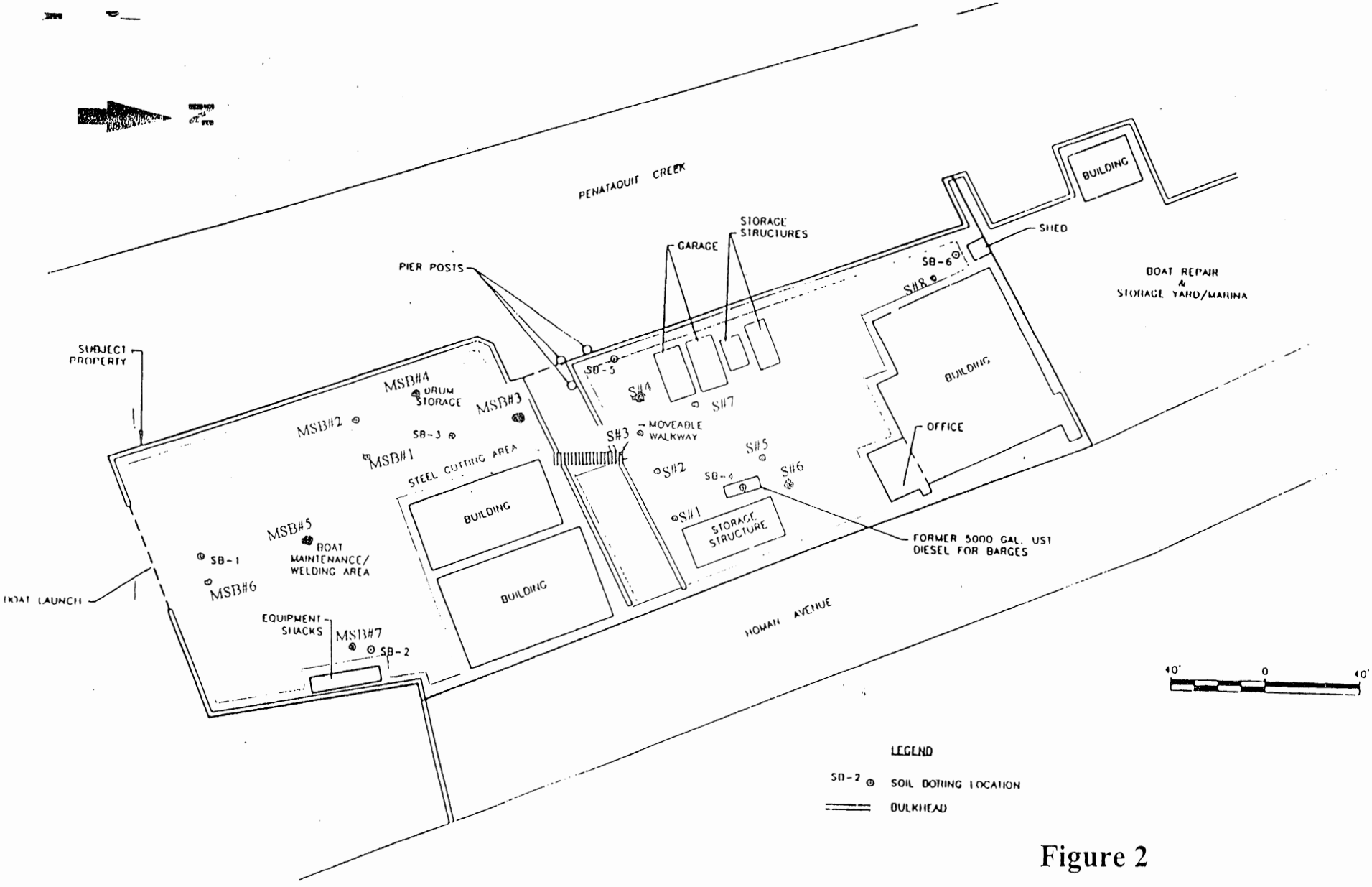

Figure 2

Proposed Excavation Areas

38 Homan Avenue
Bay Shore, NY

AEL Sampling Locations

- S# samples collected on 11/5/99
- MSB# samples collected on 11/12/99