DEPARTMENT OF ENVIRONMENTAL PROTECTION MEETING PARTICIPANT LIST

RTN4'S 4-12848,4-13333, 4-17582, 4-17825

PROJECT NAME/TOWN: EAGUERAS STATION, CARVER
DATE: APPUL 21, 2004 CONTACT NAME: CYNTHIA BARRAN

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7-31-02/RR		

EAGLE GAS STATION 131 Main Street, Carver, MA

DRAFT COMMENTS FOR DISCUSSION - BASED UPON PRELIMINARY FILE REVIEW

Overview/General Comments:

Fully assess nature and extent of contamination including commingled plumes

Evaluate fate and transport mechanisms

Evaluate man-made changes to natural stratigraphy of site, e.g., USTs, drain pipes, fill pipes, storm water drainage system

Identify and mitigate all sources/potential sources of contamination e.g., NAPL, all former USTs, existing USTs, drainage pipe, remote diesel fill pipe, storm water runoff, septic system leaching field, pump island release(s) Identify all potential receptors including private wells, surface water, residential indoor air & cranberry bogs Conduct IRA(s) to evaluate ongoing Conditions of Substantial Release Migration

Develop comprehensive site plan (1:20 scale) depicting all pertinent site features, areal extent of plume, isocons, and groundwater contours. Develop cross sections.

RTN 4-12848

Gasoline constituents exceeding GW-1 Standards detected in private well at 132 Main Street (Holmes residence). Reported 2/14/97

Compliance Status:

Out of Compliance.

Data Gaps/Additional Information Required:

IRA Plan required to provide permanent potable water to Holmes residence (installation of new drinking water supply well) and to address condition of SRM from Eagle Gasoline.

Technical information previously submitted is insufficient to determine that Eagle Gas Station release is not causing contamination of private wells in area.

Perform private well monitoring round. Gasoline constituents have been detected in three private drinking water supply wells in the area (131 Main Street, 132 Main Street, 133 Main Street).

Potential Indoor air impacts should also be assessed.

Provide information on existing private well construction: completion reports/total depth/screened interval. Microwells installed by Bart Paulding: no info on headspace screening of soil samples, no boring logs, no continuous gw sampling, no well completion reports.

Technical justification should be submitted or this site should be linked to RTN 4-13333.

RTN 4-13333

Sample detected groundwater contaminants > than GW-1 standards in MW within 500' of private well. Reported 9/8/97

Compliance Status:

Tier II Classification expires 3/18/04- RAO due.

Tier II Classification Extension Submittal is overdue (60 days prior to expiration of Tier II Classification)
Per Kaegael July 21, 1999 Response to NON Follow-up Letter, Phase II /Revised NRS was to be submitted within 90 days.

Data Gaps/Additional Information Required:

IRA Plan required to assess potential SRM

Current nature and extent of contaminants & comprehensive site plan.

Status of on-site private water supply well. Are rest rooms open to public? Serve coffee? Transient Non-community PWS (Would affect NRS Score-inclusionary Tier I criteria)

Carver Square Shopping Center Interim Wellhead Protection Area

Need Phase II SOW and revised NRS, if necessary.

Results of additional assessment work performed after July 21, 1999.

RTN 4-17582

10" NAPL detected in MW (BP-5RR) at Eagle Gas Station. Reported 1/21/03

Compliance Status:

IRA Status/Completion Report due 1/8/04

Tier Classification due 1/21/04

Data Gaps/Additional Information Required:

Site map depicting all monitoring wells, soil borings, private drinking water wells, current USTs, and former remote diesel delivery line.

Clarify number and location of all on-site USTs

Status of the on-site private drinking water well

Status of the diesel delivery line "taken out of service." Is it still in the ground, potentially a continuing source? Status of indoor air monitoring: Verbal IRA approval on 1/27/03 and written IRA plan dated 3/24/03 included: "air monitoring of residence basement abutting the site to the south." There is no documentation of indoor air monitoring being conducted. Need to assess potential indoor air impacts to nearby residences and apartment over gas station.

Update on existing site conditions: NAPL levels, current COC concentrations, and private well data (no info since last status report 7/8/03)

RTN 4-17825

Sheen on Surface Water (South Meadow Brook) emanating from storm drainage system. Reported 5/16/03

Compliance Status:

IRA Plan submitted 1/28/04. However, IRA Plan contains insufficient information to conclude that gasoline station is not source of release to South Meadow Brook via storm drainage system.

Data Gaps/Additional Information Required:

IRA Plan to assess potential SRM/CEP for private wells, surface water, sediments and indoor air.

IRA Plan to address sheen on South Meadow Brook, deployment and maintenance of absorbent materials to brook and upgradient catch basins, stop continuing source of contamination to storm water drainage system, mitigate/clean storm water outfall pipe.

Comprehensive site plan depicting UST locations, all MW and private well locations, current areal extent of contamination, isocons, and groundwater contours.

Cross sections depicting MWs, storm drainage system, former and existing UST locations, diesel fuel line location, private wells, soil stratigraphy, and contaminant profile.

Current ground and surface water sampling event, including private wells.

NAPL in BP-5RR fingerprinted for diesel/gasoline

Locate diesel fuel supply line on site plan ID where it was leaking. Detail how it was abandoned.

It is still in place acting as a continuing source? Is it possible for delivery to mistakenly "fill" the disconnected line?

Provide construction details of storm drainage system. Profile of drainage system to discharge point. Installation date. Is drainage system acting as an interceptor trench?

(Storm drain is ~10' to 15' BGS (?) All soil samples were collected at 4'-8').

No screening data/boring logs on continuous soil borings.

No well completion reports/ well screen intervals

Surface water was not sampled for gasoline COCs

Field NOR required remedial system to actively recovery and treat contaminated groundwater.