MASS STATE PLANE COORDINATE SYSTEM

Y=823,500

Brook

Meadow

SOUTH

HIGHEST OBSERVED EPH STORMWATER CONCENTRATIONS

C9-C18 Aliphatics	2,150,000 ug/l
C19-C36 Aliphatics	732,000 ug/l
C11-C22 Aromatics	858,000 ug/l

See Phase I Report date May 6, 2004, Table 3, PDF page 27 at http://decoulos.com/Eagle.htm

HIGHEST OBSERVED EPH STORMWATER CONCENTRATIONS

C9-C18 Aliphatics	193 ug/l	
C19-C36 Aliphatics	ND	(w/RD of 100 ug/l)
C11-C22 Aromatics	ND	(w/RD of 100 ug/l)

Collected at invert into drain manhole on April 20, 2005. See IRA Status Report dated May 6, 2005, Appendix F at PDF pages 153-162 at http://decoulos.com/Eagle.htm

CARVER SQUARE IWPA
DEP PWS ID#4052056

REFERENCES

1. LAYOUT OF ROUTE 58, WAREHAM — CARVER, MA HIGHWAY DEPARTMENT, CONTRACT #20607, STA. 213 TO STA. 236, SCALE: 1"= 40', COMPILED BY PHOTOGRAMMETRIC METHODS BY TOPO METRICS, INC., DATE OF PHOTOGRAPHY: MAY 6, 1979.
2. DECREE NO. 1124, PLAN OF PART OF ROUTE 58, SECTION 3 IN THE TOWN OF CARVER, SHEET 1 OF 12" AS LAID OUT BY THE PLYMOUTH COUNTY COMMISSIONERS UNDER PETITION OF THE SELECTMEN FILED MAY 8, 1951 AS AMENDED UNDER PETITION FILED MARCH 26, 1963 BY LEWIS W. PERKINS.
3. STADIA FIELD SURVEY BY NAJIB BADAOUI AND JAMES J. DECOULOS, JUNE 24, 2003.
4. PHOTOIONIZATION SCREENING BY MARK JABLONSKI OF DEP AND JAMES J. DECOULOS USING A MINIRAE 2000 PID, MAY 14, 2003.
5. RECORDS FROM THE CARVER ASSESSORS OFFICE, APRIL, 2004.
6. DEED FROM WILLIAM R. HOLMES TO WILLIAM R. HOLMES AND SANDRA K. ULTLEY AS JOINT TENANTS DATED FEBRUARY 21, 2002 RECORDED AT THE PLYMOUTH REGISTRY OF DEEDS (THE REGISTRY) IN BOOK 21675, PAGE 187.
7. DEED FROM NANCY M. FAGER TO MOLLIE CEDER DATED AUGUST 1, 1988 RECORDED AT THE REGISTRY IN BOOK 8620, PAGE 32. SEE ALSO BOOK 3474, PAGE 640 AND BOOK 1522, PAGE 330.
8. DEED FROM JOSEPH T. GRABOWSKI, JR. TO STEPHEN J. DAVIS DATED JUNE 16, 1994 RECORDED AT THE REGISTRY IN BOOK 12966, PAGE 61. SEE ALSO BOOK 8456, PAGE 175 AND BOOK 7580, PAGE 126.
9. PLAN OF LAND IN CARVER, MA. TO BE CONVEYED BY WILLIAM R. HOLMES TO FRED RICHARD P. WARD & JUDITH WARD; SCALE: 1"= 100'; DATED: MAY 14, 1984; BY WALTER L. ROWLEY & ASSOCIATES, INC. WEST WAREHAM, MA. RECORDED AT REGISTRY IN 66–59.
10. ORDER OF TAKING BY THE PLYMOUTH COUNTY COMMISSIONERS DATED MAY 8, 1961 AND RECORDED AT THE REGISTRY IN BOOK 3043, PAGE 255.

LEGEND

- DMH (24 PPM) — STORMWATER DRAIN MANHOLE WITH VOC HEADSPACE READING ON 5/16/03.
- CB (10 PPM) — STORMWATER CATCH BASIN WITH VOC HEADSPACE READING ON 5/16/03.
- PROPERTY BOUNDARY
- 104/1 — CARVER ASSESSORS MAP #/PARCEL #

LEGEND

- SEDIMENT SAMPLE LOCATION
- SURFACE WATER SAMPLE LOCATION

EASEMENT 1903 COUNTY LAYOUT

IMPACTED OUTFALL AREA

UTILITY

South

X=800,000

104/3

75/4-B
n/f Ciulla

MEADOW

Posts

104/1
n/f Holmes

104/2
n/f Ceder

75/3
n/f Davis

#132

#134

#133

#131

#147

#149

9/146

DRINKING WATER SUPPLY WELL

GROUNDWATER FLOW DIRECTION 8/12/03

CO. BD.

1966 TOWN LAYOUT

1903 COUNTY LAYOUT

15" RC

12" RC

STREET

MAIN

ROUTE 58

Meadow

Sign

TMH

CB (0 PPM)

DMH (0.5 PPM)

DMH (24 PPM)

DMH (27 PPM)

DMH (28 PPM)

REMOTE DIESEL FILL PIPE ABANDONED IN PLACE

ONE 4,000 GAL DIESEL UST

THREE 5,000 GAL GASOLINE USTs

TWO 1,000 GAL STEEL USTs ABANDONED IN PLACE

IRRIGATION WELL

FORMER WELL

SEPTIC ABSORPTION FIELD

74/17

74/18
n/f Malley

75/2

MANDATED NAPL RECOVERY TRENCH BY MassDEP

PROPOSED NAPL RECOVERY TRENCH BY DECOULOS
See IRA Status and Mod Report dated June 15, 2004

DOWNGRADIENT STORMWATER INLET

SOURCE OF NAPL RELEASE
RTN 4-17582

SOURCE OF GASOLINE RELEASE
RTN 4-13333

EAGLE GAS

NO.	DATE	REVISION
1	7/6/09	Added response action data and summaries.

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617 489 7795

EXISTING CONDITIONS
EAGLE GAS STATION
CARVER, MASSACHUSETTS

DATE: MAY 2004
SCALE: 1" = 40'

DRWN TCM
DES JJD
CHKD JJD
APRVD JJD

SHEET NO. 1