



K. SINGH & ASSOCIATES, INC.

Engineers, Scientists and Environmental Management Consultants

April 11, 2007

Mr. Richard M Jones, P.E.
Commissioner of Public Works
City Hall
730 Washington Avenue
Racine, Wisconsin 53403

Project #4663

Subject: Notification of Potential Migration of Petroleum Contamination within the Right-of Way of Durand Avenue and Packard Avenue from Finefair Food, 1819 Durand Avenue, Racine, WI

Dear Mr. Jones:

The purpose of this letter is to notify City of Racine regarding potential migration of petroleum contamination in groundwater within the right-of-way of Durand Avenue and Packard Avenue adjacent to 1819 Durand Avenue, Racine.

Monitoring well MW-13 is located northeast corner of the property, 1803 Durand Avenue to the east of the source property 1819 Durand Avenue (refer to Figure 1). Elevated levels of benzene and MTBE concentrations in monitoring well MW-13 indicates that there is a potential for migration of petroleum contamination within the right-of-way of Durand Avenue and Packard Avenue. Groundwater quality test results are included in Table 1.

We notify the above details for your information and records. It is our understanding that the residual contamination will be remediated by natural attenuation. However, if any construction activity is initiated in near future, residual contaminated soil and groundwater may need to be managed in an environmentally acceptable manner. Please call us if you have any questions regarding this submittal.

Sincerely,

K. SINGH & ASSOCIATES, INC.

Mukesh Kumar Jain

Mukesh K. Jain, Ph.D.
Project Engineer

Pratap N. Singh

Pratap N. Singh, Ph.D., P.E.
Project Manager

cc: Mr. Tony Adrahtas/D&F Service Partnership, 26601 Lindengate Circle, Plainfield, IL 60585
Ms. Kamala Singh / PECFA Claim File

*received
OPW
4-13-07*

PACKARD AVENUE

MW-13

1803 PACKARD AVENUE
RACINE WI 53403

K&L AUTO BODY, INC. BUILDING

MW-11

MW-12

MW-10

MW-14

TELEPHONE POLE WITH OVER-HEAD LINES

B-5/MW-5

FENCED AREA TRASH

GARAGE

GRASS

GARAGE

SEVENTH DAY ADVENTIST CHURCH
1810 DURAND AVENUE
RACINE WI 53403

B-4/MW-4

FINE FARE FOODS
1819 DURAND AVENUE
RACINE WISCONSIN 53403

GRASS

B-6/MW-6

DURAND AVENUE

FUEL DISPENSER

F-1

MW-1

GRAVEL DRIVE

FUEL PORTS

COMMERCIAL SPACE

RESIDENCE
3013 PHILLIPS AVE.

CONCRETE DRIVE

B-3R/MW-3R

F-2

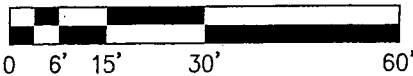
STORM SEWER

F-3

B-2R/MW-2R

PHILLIPS AVENUE

SCALE: 1" = 30'-0"



LEGEND

- Location of Previous Monitoring Well
- Location of New Monitoring Well


 1	PROJECT: FINEFARE FOODS 1819 DURAND AVENUE RACINE, WISCONSIN	TITLE: FIGURE 1: SOIL BORING & MONITORING WELL LOCATION MAP	ENGINEER K. SINGH & ASSOCIATES, INC. <i>Engineers, Scientists and Environmental Management Consultants</i> 1135 Legion Drive Elm Grove, Wisconsin 53122 Phone: (262) 821-1171 FAX: (262) 821-1174 E-mail: singh@execpc.com	DRAWN BY: P.A.R. CHECKED BY: M.K.J. DATE: 02/19/06 PROJECT NO: 4663 DRAWING FILE: 4663.dwg
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Table 1
Summary of Groundwater Quality Test Results
Finefair Food, 1819 Durand Avenue, Racine, WI (Project #4663)

Date	Well No.	Benzene	Ethylbenzene	Methyl-t-butyl ether	Naphthalene	Toluene	Total Trimethylbenzene	Xylene, Total
		ppb	ppb	ppb	ppb	ppb	ppb	ppb
01/17/2002	MW-1	2,030	1.72	5,610	<2	1.33	<1	4.41
02/02/2002	MW-1	244	<50	5,020	NA	<50	<100	<0.50
09/10/2002	MW-1	352	35.8	3,510	97.3	12	34.5	75.8
01/17/2002	MW-2R	0.95	<0.5	41.7	<2	<0.5	<1	<0.5
02/02/2002	MW-2R	<0.5	<0.5	5.72	NT	<0.5	<1	<0.5
09/10/2002	MW-2R	4.32	<0.5	18.6	<2	<0.5	1.58	<0.5
09/18/2003	MW-2R	<0.5	<0.5	17.4	NT	<0.5	<2	<0.5
10/24/2005	MW-2R	<0.47	<0.22	30.0	<0.50	<0.11	<0.44	<0.39
01/25/2006	MW-2R	0.48	<0.22	79.0	<0.50	<0.13	<0.44	<0.39
05/03/2006	MW-2R	0.33	<0.22	52.0	<0.50	0.14	<0.44	<0.39
07/26/2006	MW-2R	0.28	<0.50	55.0	<0.25	<0.20	<0.40	<0.50
01/17/2002	MW-3R	<0.5	<0.5	2.25	<2	<0.5	<1	<0.5
02/02/2002	MW-3R	<0.5	<0.5	2.80	NT	<0.5	<1	<0.5
09/10/2002	MW-3R	<0.5	<0.5	3.31	<2	<0.5	<1	<0.5
09/18/2003	MW-3R	<0.5	<0.5	3.42	NT	<0.5	<2	<0.5
10/24/2005	MW-3R	<0.25	<0.22	4.6	<0.50	<0.11	<0.44	<0.39
01/25/2006	MW-3R	<0.25	<0.22	3.6	<0.50	<0.11	<0.44	<0.39
05/03/2006	MW-3R	<0.25	<0.22	3.0	<0.50	<0.11	<0.44	<0.39
07/26/2006	MW-3R	<0.20	<0.50	4.0	<0.25	<0.20	<0.40	<0.50
01/17/2002	MW-4	3,690	1,120	87.3	68.3	3,990	295	891
02/02/2002	MW-4	1,800	501	113	<200	1,930	458	1,610
09/10/2002	MW-4	2,730	1,060	87.8	195	904	699	1,930
09/18/2003	MW-4	3,080	1,510	69.3	NT	583	906	2,030
10/24/2005	MW-4	830	280	53	81	38	550	330
01/25/2006	MW-4	900	320	39	72	190	810	640
05/03/2006	MW-4	1,200	440	51	110	530	940	1,800
07/26/2006	MW-4	1,300	540	56	150	180	970	1,600
07/02/2002	MW-5	7,230	1,720	183	506	494	2,135	3,980
09/10/2002	MW-5	6,330	1,360	155	332	585	1,169	2,730
09/18/2003	MW-5	5,290	1,210	130	234	451	1,169	2,100
10/24/2005	MW-5	4,200	1,100	89	190	71	890	550
01/25/2006	MW-5	6,900	3,000	140	560	230	3,540	4,800
05/03/2006	MW-5	6,700	2,500	81	500	210	3,070	4,300
07/26/2006	MW-5	5,500	2,300	80	540	150	3,320	3,400
07/02/2002	MW-6	<0.5	<0.5	8.2	<2	<0.5	<1	<0.5
09/10/2002	MW-6	0.682	<0.5	21.4	<2	<0.5	<1	<0.5
09/18/2003	MW-6	<0.5	<0.5	48.4	NT	<0.5	<2	<0.5
10/24/2005	MW-6	<0.25	<0.22	23	<0.50	<0.11	<0.44	<0.39
01/25/2006	MW-6	<0.25	<0.22	0.35	<0.50	<0.11	<0.44	<0.39
05/03/2006	MW-6	<0.25	<0.22	<0.23	<0.50	<0.11	<0.44	<0.39
07/26/2006	MW-6	<0.20	<0.50	11	<0.25	<0.20	<0.40	<0.50
08/06/2003	MW-10	2,780	1,890	1,210	560	<100	1,273	1,210
09/18/2003	MW-10	2,600	1,870	1,300	451	62.5	1,227	1,300
10/24/2005	MW-10	2,200	2,000	240	440	24.0	350	500
01/25/2006	MW-10	1,300	1,700	340	350	16	330	370
05/03/2006	MW-10	1,600	1,900	530	440	18	430	590
07/26/2006	MW-10	1,500	1,600	290	400	20	340	470

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Date	Well No.	Benzene	Ethylbenzene	Methyl-t-butyl ether	Naphthalene	Toluene	Total Trimethylbenzene	Xylene, Total
		ppb	ppb	ppb	ppb	ppb	ppb	ppb
08/06/2003	MW-11	3,920	2,760	361	743	<100	2,811	2,730
09/18/2003	MW-11	4,870	2,070	79.3	393	77.5	1,143	1,520
10/24/2005	MW-11	2,700	650	210	100	7.7	80	41
01/25/2006	MW-11	3,600	2,200	200	400	22	1,960	1,700
05/03/2006	MW-11	3,400	2,700	340	500	20	2,180	2,000
07/26/2006	MW-11	2,900	2,300	160	480	15	1,880	1,600
08/06/2003	MW-12	<0.5	<0.5	240	<2	<0.5	<2	<0.5
09/18/2003	MW-12	<0.5	0.75	188	<2	<0.5	<2	1.34
10/24/2005	MW-12	<0.25	<0.22	280	<0.50	<0.11	<0.44	<0.39
01/25/2006	MW-12	<0.5	<0.44	42	<1	<0.22	<0.88	<0.78
05/03/2006	MW-12	<1.0	<0.88	22	3.6	<0.44	<1.76	<1.6
07/26/2006	MW-12	<0.20	<0.50	110	<0.25	<0.20	<0.40	<0.50
10/24/2005	MW-13	10	<0.50	13	<0.25	<0.20	<0.40	<0.50
01/25/2006	MW-13	1,700	<0.88	110	<20	12	<39.6	<16
05/03/2006	MW-13	2,800	12	180	<20	20	<59.6	20
07/26/2006	MW-13	2,900	<20	160	<10	21	<37.0	<20
10/24/2005	MW-14	<0.20	<0.50	<0.50	<0.25	<0.20	<0.40	<0.50
01/25/2006	MW-14	<0.25	<0.22	<0.23	<0.50	<0.11	<0.44	<0.39
05/03/2006	MW-14	<0.25	<0.22	<0.23	<0.50	0.15	<0.44	<0.39
07/26/2006	MW-14	<0.20	<0.50	<0.50	<0.25	<0.20	<0.40	<0.50
	PAL	0.5	140	12	8	200	96	1,000
	ES	5	700	60	40	1,000	480	10,000

Note: PAL denotes Preventive Action Limit and ES denotes Enforcement Standards as per NR.140, March 2000