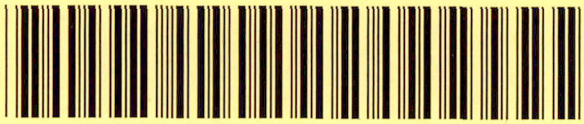
683IHSSF2217



DocumentID NONCD0002839

Site Name PERRY AUTO/YOUNG RESIDENCE

DocumentType Other (O)

RptSegment 1

DocDate 7/18/2008

DocRcvd 7/21/2008

Box SF2217

AccessLevel PUBLIC

Division WASTE MANAGEMENT

Section SUPERFUND

Program IHS (IHS)

DocCat FACILITY

NC DWQ Laboratory Section Results

County: WAYNE
River Basin
Report To FROAP

Collector: S BOYLES
Region: FRO
Sample Matrix: GROUNDWATER
Loc. Type: WATER SUPPLY
Emergency Yes/No
COC Yes/No YES

VisitID

Loc. Descr.: JOHNNY PERRY

Sample ID: AB32124
PO Number # 8G0825
Date Received: 07/02/2008
Time Received: 08:10
Labworks LoginID MMATHIS
Date Reported: 7/17/08

Report Generated: 07/17/2008

7/18/08

Location ID:	80062720080932	Collect Date:	06/27/2008	Collect Time::	09:32	Sample Depth

Sample Qualifiers and Comments

RECEIVED
JUL 21 2008
SUPERFUND SECTION

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

NC DWQ Laboratory Section Results

Location ID: 80062720080932
Loc. Descr.: JOHNNY PERRY
Visit ID

Sample ID: AB32124
Collect Date: 06/27/2008
Collect Time:: 09:32

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		2.7		°C	HPARKER	MMATHIS
	Method Reference					7/2/08	7/2/08
VOL							
	Volatile Organics in liquid		_TITLE_		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
75-78-1	Dichlorodifluoromethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
74-87-3	Chloromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
74-83-9	Bromomethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
75-00-3	Chloroethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
75-09-2	Methylene Chloride	10	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
1634-04-4	Methyl Tert-Butyl Ether	0.25	0.39		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
156-59-4	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
67-66-3	Chloroform	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
590-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08

NC DWQ Laboratory Section Results

Location ID: 80062720080932
Loc. Descr.: JOHNNY PERRY
Visit ID

Sample ID: AB32124
Collect Date: 06/27/2008
Collect Time:: 09:32

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
71-43-2	Benzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
74-95-3	Dibromomethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
79-01-6	Trichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
108-88-3	Toluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
127-18-4	Tetrachloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08

NC DWQ Laboratory Section Results

Location ID: 80062720080932
Loc. Descr.: JOHNNY PERRY
Visit ID

Sample ID: AB32124
Collect Date: 06/27/2008
Collect Time:: 09:32

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
100-42-5	Styrene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
95-47-6	o-Xylene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
108-86-1	Bromobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
543-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08

NC DWQ Laboratory Section Results

Location ID: 80062720080932
Loc. Descr.: JOHNNY PERRY
Visit ID

Sample ID: AB32124
Collect Date: 06/27/2008
Collect Time:: 09:32

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
99-87-6	p-Isopropyttoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
91-20-3	Naphthalene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/16/08

GROUNDWATER FIELD/LAB FORM

COC

North Carolina
Department of Environment and Natural Resources
DIVISION OF WASTE MANAGEMENT-SUPERFUND SECTION-INACTIVE SITES BRANCH

Location code 8006270080932

County Wayne

Quad No _____ Serial No. _____

Lat. _____ Long. _____

SAMPLE TYPE	SAMPLE PRIORITY
☒ Water	☒ Routine
☐ Soil	☐ Emergency
☐ Other _____	
☒ Chain of Custody	

4172-A

Lab Number 860825 AB32124

Date Received 7-2-08 Time: 0810

Rec'd By: From:Bus, Courier, Hand Del.,

Other: hp

Data Entry By: _____ Ck: _____

Date Reported: _____

Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, WSRO, Kinston FO, Fed. Trust, Central Off., Other: Sean Boyles

Shipped by: Bus, Courier, Hand Del., Other: _____

Collector(s): Sean Boyles Date 6/27/08 Time 9:32

Purpose: Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other: _____

FIELD ANALYSES

pH 400 _____ Spec. Cond.94 _____ at 25°C

Temp.10 _____ °C Odor _____

Appearance _____

Field Analysis By: _____

Owner Johnny Perry 4172A (circle one) US HWY 17 Dudley NC Wayne Co.

Location or Site Youngs Auto / Perry Residence

Description of sampling point Supply well

Sampling Method direct fill bucket (Pump, bailer, etc.) Sample Interval 70ft

Remarks _____ (Pumping time, air temp., etc.)

LABORATORY ANALYSES

	BOD 310	mg/L
	COD High 340	mg/L
	COD Low 335	mg/L
	Coliform: MF Fecal 31616	/100ml
	Coliform: MF Total 31504	/100ml
	TOC 680	mg/L
	Turbidity 76	NTU
	Residue, Total Suspended 530	mg/L
	pH 403	units
	Alkalinity to pH 4.5 410	mg/L
	Alkalinity to pH 8.3 415	mg/L
	Carbonate 445	mg/L
	Bicarbonate 440	mg/L
	Carbon dioxide 405	mg/L
	Chloride 940	mg/L
	Chromium: Hex 1032	ug/L
	Color: True 80	CU
	Cyanide 720	mg/L

	Diss. Solids 70300	mg/L
	Fluoride 951	mg/L
	Hardness: Total 900	mg/L
	Hardness (non-carb) 902	mg/L
	Phenols 32730	ug/l
	Specific Cond. 95	µMhos/cm
	Sulfate 945	mg/L
	Sulfide 745	mg/L
	Oil and Grease	mg/L
	NH_3 as N 610	mg/L
	TKN as N 625	mg/L
	$NO_2 + NO_3$ as N 630	mg/L
	P: Total as P 665	mg/L
	Nitrate (NO_3 as N) 620	mg/L
	Nitrite (NO_2 as N) 615	mg/L

	Ag-Silver 46566	ug/L
	Al-Aluminum 46557	ug/L
	As-Arsenic 46551	ug/L
	Ba-Barium 46558	ug/L
	Ca-Calcium 46552	mg/L
	Cd-Cadmium 46559	ug/L
	Cr-Chromium 46559	ug/L
	Cu-Copper 46562	ug/L
	Fe-Iron 46563	ug/L
	Hg-Mercury 71900	ug/L
	K-Potassium 46555	mg/L
	Mg-Magnesium 46554	mg/L
	Mn-Manganese 46565	ug/L
	Na-Sodium 46556	mg/L
	Ni-Nickel	ug/L
	Pb-Lead 46564	ug/L
	Se-Selenium	ug/L
	Zn-Zinc 46567	ug/L

	Organochlorine Pesticides
	Organophosphorus Pesticides
	Nitrogen Pesticides
	Acid Herbicides
	PCBs
	Semivolatile Organics
	TPH-Diesel Range
X	Volatile Organics (VOA bottle)
	TPH-Gasoline Range
	TPH-BTEX Gasoline Range

LAB USE ONLY
Temperature on arrival (°C): 2.7

Lab Comments _____

GW-54 REV. 7/03 For Dissolved Analysis-submit filtered sample and write "DIS" in block.

____	Air purifying respirator	_X_	First Aid Kit
____	Cartridges for respirator	_X_	3 gal. Deionized H20
_X_	Eye Wash Unit	_X_	Rain suit
____	HNU	_X_	Gloves (PE/PVC/nitrile/cloth)
____	OVA	_X_	Boots/Boot Covers
____	Explosimeter	_X_	Coveralls (tyvek/saranex)
____	Radiation Monitor	_X_	Eye Protection (goggles/shield)
_X_	Decontamination Materials	_X_	Hard Hat

STATE POISON CONTROL CENTER
1-800-848-6946

North Carolina OSHA
1-800-LABOR-NC

TO BE COMPLETED BY PROJECT MANAGER

PROJECT MANAGER: Sean Boyles PROJECT: Perry Young

INVESTIGATION DATE: 6/9/08 to 6/27/08

RECONNAISSANCE ____ SAMPLING VISIT _X_ REMEDIATION/SAMPLING OVERVIEW

Respirator Worn By N/A Approximate Time in Respirator

Air Monitoring Data

PID: (circle one) Mini Rae, HNU
Serial Number _____
Calibration Reading
Notes

OVA
Serial Number _____
Notes

CGI/Oxygen Meter
Serial Number _____
Calibration Reading
Notes

_____
_____
_____

Radiation Meter
Serial Number _____
Notes

_____
_____
_____

Were there any injuries? No If yes, explain:

Signature