CONFIDENTIAL

NOT FOR PUBLIC RELEASE

RECOMMENDATION

Based on information collected in the site inspection report and from other sources, the following conclusions were drawn. The Jerry Jones Mack Truck Site is an active facility that manufactures, services and sells trucks. Analysis of three groundwater samples (and one duplicate) collected from three on-site monitoring wells indicated the presence of numerous organic compounds including acetone, 2-butanone, toluene, total xylenes, phenol, 4-methylphenol, naphthalene, 2-methylnaphthalene, and aldrin in the downgradient monitoring wells at elevated levels when compared to the level detected in the upgradient monitoring well; however, toluene, total xylenes, naphthalene, and 2-methylnaphthalene are excluded from consideration under the Petroleum Exclusion Act. Aldrin also cannot be attributed to the site since it was not utilized in any of the on-site processes and is not present in the on-site waste sources. No inorganic contaminants were detected in the downgradient monitoring wells at elevated levels. Groundwater is used extensively as a source of drinking water within four miles of the site, and the total service population of public and private wells within four miles of the site is 41,616 people. Analysis of surface water/sediment samples collected from Beaver Brook and the adjacent wetlands indicated the presence of 2-butanone in a sediment sample. Several inorganic contaminants were also detected in the surface water and sediment samples; however, none of them are attributable to the site or any of the on-site waste sources. One surface water intake, which serves 200,000 people is located along the fifteen-mile surface water pathway. The Beaver Brook and the Rockaway River are utilized as fisheries and both water bodies are stocked with trout. There are 10.5 miles of wetlands frontage along the fifteen-mile surface water pathway (1.6 miles along the Beaver Brook, 5.9 miles along the Rockaway River above the reservoir, 0.5 miles along the Jersey City Reservoir, and 2.5 miles along the Rockaway River below the Jersey City Reservoir). The Beaver Brook is a New Jersey FW-2 (freshwater) classified waterbody. No threatened or endangered species habitats have been identified along the 15-mile surface water pathway. The site is active with approximately 40 workers. There are no schools, day care centers, or terrestrial sensitive environment located within 200 feet of the site property. There are no analytical data to indicate a release of contaminants to air has occurred at the site. The above information supports a recommendation of **NO FURTHER REMEDIAL ACTION PLANNED (NFRAP)** for the Jerry Jones Mack Truck Site. The following is the definition of a NFRAP: To the best of the EPA's knowledge, Superfund has completed its assessment at this site, and has determined that no further steps to list this site on the NPL will be taken unless information indicating that this decision was not appropriate or other considerations make a recommendation for listing appropriate at a later time. A "NFRAP" decision does not necessarily mean that there is no hazard associated with a given site; it means only that based upon available information, the location is not judged to be a potential NPL site.

HRS DOCUMENTATION RECORD
JERRY JONES MACK TRUCK - 12/08/94

1. Site Name: JERRY JONES MACK TRUCK
   (as entered in CERCLIS)

2. Site CERCLIS Number: NJD078593894

3. Site Reviewer: ROB MACEWEN

4. Date: OCTOBER 24, 1994

5. Site Location: ROCKAWAY/MORRIS, NEW JERSEY
   (City/County,State)

6. Congressional District:

7. Site Coordinates: Single

   Latitude: 40 55'01.0" Longitude: 074 29'40.0"

	Score
Ground Water Migration Pathway Score (Sgw)	36.48
Surface Water Migration Pathway Score (Ssw)	9.86
Soil Exposure Pathway Score (Ss)	0.00
Air Migration Pathway Score (Sa)	2.22

Site Score	18.93

NOTE

EPA uses the terms "facility," "site," and "release" interchangeably. The term "facility" is broadly defined in CERCLA to include any area where hazardous substances have "come to be located" (CERCLA Section 109(9)), and the listing process is not intended to define or reflect boundaries of such facilities or releases. Site names, and references to specific parcels or properties, are provided for general identification purposes only. Knowledge regarding the extent of sites will be refined as more information is developed during the RI/FS and even during implementation of the remedy.

WASTE QUANTITY

JERRY JONES MACK TRUCK - 12/08/94

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE: Dry Well/UST

a. Wastestream ID	
b. Hazardous Constituent Quantity (C) (lbs.)	0.00
c. Data Complete?	NO
d. Hazardous Wastestream Quantity (W) (lbs.)	0.00
e. Data Complete?	NO
f. Wastestream Quantity Value (W/5,000)	0.00E+00

2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a. Source ID	Dry Well/UST
b. Source Type	Non-Drum Container
c. Secondary Source Type	N.A.
d. Source Vol.(yd3/gal)| Source Area (ft2)	75.00 | 0.00
e. Source Volume/Area Value	3.00E+01
f. Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)	0.00E+00
g. Data Complete?	NO
h. Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)	0.00E+00
i. Data Complete?	NO
k. Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)	3.00E+01

Source Hazardous Substances	Depth (feet)	Liquid	Concent.	Units
Acetone	> 2	YES	4.2E-02	ppm
Cresol, p-	> 2	YES	1.2E-02	ppm
Methyl ethyl ketone	> 2	YES	1.0E-02	ppm
Phenol	> 2	YES	1.0E-02	ppm

3. SITE HAZARDOUS WASTE QUANTITY SUMMARY

No.	Source ID	Migration Pathways	Vol. or Area Value (2e)	Constituent or Wastestream Value (2f,2h)	Hazardous Waste Qty. Value (2k)
1	Dry Well/UST	GW-SW-A	3.00E+01	0.00E+00	3.00E+01

4. PATHWAY HAZARDOUS WASTE QUANTITY AND WASTE CHARACTERISTICS SUMMARY TABLE

Migration Pathway	Contaminant Values		HWQVs*	WCVs**
Ground Water	Toxicity/Mobility	1.00E+02	10	6
SW: Overland Flow, DW	Tox./Persistence	4.00E+00	100	3
SW: Overland Flow, HFC	Tox./Persis./Bioacc.	5.00E+00	100	3
SW: Overland Flow, Env	Etox./Persis./Bioacc.	5.00E+04	100	32
SW: GW to SW, DW	Tox./Persistence	4.00E+00	100	3
SW: GW to SW, HFC	Tox./Persis./Bioacc.	5.00E+00	100	3
SW: GW to SW, Env	Etox./Persis./Bioacc.	5.00E+04	100	32
Soil Exposure:Resident	Toxicity	0.00E+00	0	0
Soil Exposure: Nearby	Toxicity	0.00E+00	0	0
Air	Toxicity/Mobility	1.00E+02	10	6

* Hazardous Waste Quantity Factor Values
** Waste Characteristics Factor Category Values

Note: SW = Surface Water
GW = Ground Water
DW = Drinking Water Threat
HFC = Human Food Chain Threat
Env = Environmental Threat

GROUND WATER MIGRATION PATHWAY SCORESHEET
JERRY JONES MACK TRUCK - 12/08/94

GROUND WATER MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release to an Aquifer Aquifer: BRUNSWICK/BURIED VAL		
1. Observed Release	550	550
2. Potential to Release		
2a. Containment	10	10
2b. Net Precipitation	10	0
2c. Depth to Aquifer	5	5
2d. Travel Time	35	35
2e. Potential to Release [lines 2a(2b+2c+2d)]	500	400
3. Likelihood of Release	550	550
Waste Characteristics		
4. Toxicity/Mobility	*	1.00E+02
5. Hazardous Waste Quantity	*	10
6. Waste Characteristics	100	6
Targets		
7. Nearest Well	50	1.80E+01
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	8.94E+02
8d. Population (lines 8a+8b+8c)	**	8.94E+02
9. Resources	5	0.00E+00
10. Wellhead Protection Area	20	0.00E+00
11. Targets (lines 7+8d+9+10)	**	9.12E+02
12. Targets (including overlaying aquifers)	**	9.12E+02
13. Aquifer Score	100	36.48
GROUND WATER MIGRATION PATHWAY SCORE (Sgw)	100	36.48

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

GROUND WATER PATHWAY AQUIFER SUMMARY
JERRY JONES MACK TRUCK - 12/08/94

No.	Aquifer ID	Type	Overlaying No.	Inter-Connected with	Likelihood of Release	Targets
1	BRUNSWICK/BURIED VAL	Non K	0	0	550	9.12E+02

Containment

No.	Source ID	HWQ Value	Containment Value
1	Dry Well/UST	3.00E+01	10

Containment Factor 10

Net Precipitation

Net Precipitation (inches) 0

GROUND WATER PATHWAY LIKELIHOOD OF RELEASE BRUNSWICK/BURIED VALLEY AQUIFER
JERRY JONES MACK TRUCK - 12/08/94

Aquifer: BRUNSWICK/BURIED VALLEY

Type of Aquifer: Non Karst

Overlaying Aquifer: 0

Interconnected with: 0

OBSERVED RELEASE

No.	Well ID	Well Type	Distance (miles)	Level of Contamination
1	WELL 4	Monitoring Well	0.000	Level II

Well No.	Hazardous Substance	Concent.	MCL	Cancer	RFD	Units
1	Acetone	4.2E+01	0.0E+00	0.0E+00	3.5E+03	ppb
1	Cresol, p-	1.2E+01	0.0E+00	0.0E+00	1.8E+02	ppb
1	Methyl ethyl ketone	1.0E+01	0.0E+00	0.0E+00	2.1E+04	ppb
1	Phenol	1.0E+01	0.0E+00	0.0E+00	2.1E+04	ppb

Observed Release Factor 550

GROUND WATER PATHWAY LIKELIHOOD OF RELEASE BRUNSWICK/BURIED VALLEY AQUIFER
JERRY JONES MACK TRUCK - 12/08/94

POTENTIAL TO RELEASE

Containment

Containment Factor	10	

Net Precipitation

Net Precipitation Factor	0	

Depth to Aquifer

A. Depth of Hazardous Substances	0.00	feet
B. Depth to Aquifer from Surface	0.00	feet
C. Depth to Aquifer (B - A)	0.00	feet
Depth to Aquifer Factor	5	

Travel Time

Are All Layers Karst?	NO	
Thickness of Layer(s) with Lowest Conductivity	0.00	feet
Hydraulic Conductivity (cm/sec)	0.0E-00	
Travel Time Factor	35	

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Potential to Release Factor 400

GROUND WATER PATHWAY WASTE CHARACTERISTICS
JERRY JONES MACK TRUCK - 12/08/94

Source: 1 Dry Well/UST

Source Hazardous Waste Quantity Value: 30.00

Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value
Acetone	10	1.00E+00	1.00E+01
Cresol, p-	100	1.00E-02	1.00E+00
Methyl ethyl ketone	10	1.00E+00	1.00E+01
Phenol	1	1.00E+00	1.00E+00

Hazardous Substances Found in an Observed Release

Well No.	Observed Release Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value
1	Acetone	10	1.00E+00	1.00E+01
1	Cresol, p-	100	1.00E+00	1.00E+02
1	Methyl ethyl ketone	10	1.00E+00	1.00E+01
1	Phenol	1	1.00E+00	1.00E+00

Toxicity/Mobility Value from Source Hazardous Substances:	1.00E+01
Toxicity/Mobility Value from Observed Release Hazardous Substances:	1.00E+02
Toxicity/Mobility Factor:	1.00E+02
Sum of Source Hazardous Waste Quantity Values:	3.00E+01
Hazardous Waste Quantity Factor:	10
Waste Characteristics Factor Category:	6

GROUND WATER PATHWAY TARGETS FOR AQUIFER BRUNSWICK/BURIED VALLEY
JERRY JONES MACK TRUCK - 12/08/94

Population by Well

No.	Well ID	Sample Type	Distance (miles)	Level of Contamination	Population
- N/A and/or data not specified					

Level I Population Factor: 0.00

Level II Population Factor: 0.00

Potential Contamination by Distance Category

Distance Category (miles)	Population	Value
> 0 to 1/4	0.0	0.00E+00
> 1/4 to 1/2	8173.0	3.23E+02
> 1/2 to 1	3511.0	1.67E+02
> 1 to 2	17839.0	2.94E+02
> 2 to 3	4470.0	6.78E+01
> 3 to 4	7623.0	4.17E+01

Potential Contamination Factor: 894.000

Nearest Well

Level of Contamination: Potential
Distance in miles: 0.42

Nearest Well Factor: 1.80E+01

Resources

Resource Use: NO

Resource Factor: 0.00E+00

Wellhead Protection Area

No wellhead protection area

Wellhead Protection Area Factor: 0.00E+00

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET
JERRY JONES MACK TRUCK - 12/08/94

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors DRINKING WATER THREAT	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	550
2. Potential to Release by Overland Flow		
2a. Containment	10	10
2b. Runoff	25	0
2c. Distance to Surface Water	25	25
2d. Potential to Release by Overland Flow [lines 2a(2b+2c)]	500	250
3. Potential to Release by Flood		
3a. Containment (Flood)	10	10
3b. Flood Frequency	50	25
3c. Potential to Release by Flood (lines 3a x 3b)	500	250
4. Potential to Release (lines 2d+3c)	500	500
5. Likelihood of Release	550	550
Waste Characteristics		
6. Toxicity/Persistence	*	4.00E+00
7. Hazardous Waste Quantity	*	100
8. Waste Characteristics	100	3
Targets		
9. Nearest Intake	50	0.00E+00
10. Population		
10a. Level I Concentrations	**	0.00E+00
10b. Level II Concentrations	**	0.00E+00
10c. Potential Contamination	**	1.63E+02
10d. Population (lines 10a+10b+10c)	**	1.63E+02
11. Resources	5	0.00E+00
12. Targets (lines 9+10d+11)	**	1.63E+02
13. DRINKING WATER THREAT SCORE	100	3.26

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET
JERRY JONES MACK TRUCK - 12/08/94

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors HUMAN FOOD CHAIN THREAT	Maximum Value	Value Assigned
Likelihood of Release		
14. Likelihood of Release (same as line 5)	550	550
Waste Characteristics		
15. Toxicity/Persistence/Bioaccumulation	*	5.00E+00
16. Hazardous Waste Quantity	*	100
17. Waste Characteristics	1000	3
Targets		
18. Food Chain Individual	50	2.00E+00
19. Population		
19a. Level I Concentrations	**	0.00E+00
19b. Level II Concentrations	**	0.00E+00
19c. Pot. Human Food Chain Contamination	**	3.90E-04
19d. Population (lines 19a+19b+19c)	**	3.90E-04
20. Targets (lines 18+19d)	**	2.00E+00
21. HUMAN FOOD CHAIN THREAT SCORE	100	0.04

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET
JERRY JONES MACK TRUCK - 12/08/94

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors ENVIRONMENTAL THREAT	Maximum Value	Value Assigned
Likelihood of Release		
22. Likelihood of Release (same as line 5)	550	550
Waste Characteristics		
23. Ecosystem Toxicity/Persistence/Bioacc.	*	5.00E+04
24. Hazardous Waste Quantity	*	100
25. Waste Characteristics	1000	32
Targets		
26. Sensitive Environments		
26a. Level I Concentrations	**	0.00E+00
26b. Level II Concentrations	**	3.00E+01
26c. Potential Contamination	**	7.50E-01
26d. Sensitive Environments (lines 26a+26b+26c)	**	3.08E+01
27. Targets (line 26d)	**	3.08E+01
28. ENVIRONMENTAL THREAT SCORE	60	6.56
29. WATERSHED SCORE	100	9.86
30. SW: OVERLAND/FLOOD COMPONENT SCORE (Sof)	100	9.86

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

SOIL EXPOSURE PATHWAY SCORESHEET
JERRY JONES MACK TRUCK - 12/08/94

SOIL EXPOSURE PATHWAY Factor Categories & Factors RESIDENT POPULATION THREAT	Maximum Value	Value Assigned
Likelihood of Exposure		
1. Likelihood of Exposure	550	0
Waste Characteristics		
2. Toxicity	*	0.00E+00
3. Hazardous Waste Quantity	*	0
4. Waste Characteristics	100	0
Targets		
5. Resident Individual	50	0.00E+00
6. Resident Population		
6a. Level I Concentrations	**	0.00E+00
6b. Level II Concentrations	**	0.00E+00
6c. Resident Population (lines 6a+6b)	**	0.00E+00
7. Workers	15	0.00E+00
8. Resources	5	0.00E+00
9. Terrestrial Sensitive Environments	***	0.00E+00
10. Targets (lines 5+6c+7+8+9)	**	0.00E+00
11. RESIDENT POPULATION THREAT SCORE	**	0.00E+00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.
*** No specific maximum value applies, see HRS for details.

SOIL EXPOSURE PATHWAY SCORESHEET
JERRY JONES MACK TRUCK - 12/08/94

SOIL EXPOSURE PATHWAY Factor Categories & Factors NEARBY POPULATION THREAT	Maximum Value	Value Assigned
Likelihood of Exposure		
12. Attractiveness/Accessibility	100	0.00E+00
13. Area of Contamination	100	0.00E+00
14. Likelihood of Exposure	500	0.00E+00
Waste Characteristics		
15. Toxicity	*	0.00E+00
16. Hazardous Waste Quantity	*	0
17. Waste Characteristics	100	0
Targets		
18. Nearby Individual	1	1.00E+00
19. Population Within 1 Mile	**	4.00E+00
20. Targets (lines 18+19)	**	5.00E+00
21. NEARBY POPULATION THREAT SCORE	**	0.00E+00
SOIL EXPOSURE PATHWAY SCORE (Ss)	100	0.00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

AIR PATHWAY SCORESHEET
JERRY JONES MACK TRUCK - 12/08/94

AIR MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	0
2. Potential to Release		
2a. Gas Potential to Release	500	500
2b. Particulate Potential to Release	500	0
2c. Potential to Release	500	500
3. Likelihood of Release	550	500
Waste Characteristics		
4. Toxicity/Mobility	*	1.00E+02
5. Hazardous Waste Quantity	*	10
6. Waste Characteristics	100	6
Targets		
7. Nearest Individual	50	2.00E+01
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	3.20E+01
8d. Population (lines 8a+8b+8c)	**	3.20E+01
9. Resources	5	0.00E+00
10. Sensitive Environments		
10a. Actual Contamination	***	0.00E+00
10b. Potential Contamination	***	9.00E+00
10c. Sens. Environments(lines 10a+10b)	***	9.00E+00
11. Targets (lines 7+8d+9+10c)	**	6.10E+01
AIR MIGRATION PATHWAY SCORE (Sa)	100	2.22E+00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.
*** No specific maximum value applies, see HRS for details.