

ERCO Energy Resources Co. Inc.

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Walnut Creek, California
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Goldberg Zoino Associates

& Associates

November 10, 1980

Superfund Records Center

SITE: Mottolo

BREAK: 2.3

OTHER: 468861

Mr. John Gushue
GHR Engineering
75 Tarkiln Hill Road
New Bedford, MA 02745



SDMS DocID 468861

Dear John:

Enclosed please find the results for the Nashua and Raymond samples received on October 13, 1980 and analyzed by purge-and-trap GC/MS for volatile organic compounds using the EPA 624 method.

If you have any further questions regarding this data or if I can be of further assistance, please call.

Sincerely,

Nancy Stewart

Nancy Stewart
Project Manager

cc John Ayres
Goldberg Zoino Associates

ENERGY RESOURCES COMPANY INC.

Volatile Organics Analysis by GC/MS

Sample Rcvd: 13OCT80
Date Analysis Completed: 20OCT80

Analyzed for: GHR

71556

71545

Δ

Δ

Compounds	Nashua Blank	HR-3	HR-4	M-1-1	M-2-1	M-2-2	M-2-3		
1. chloromethane									
2. bromomethane									
3. dichlorodifluoromethane									
4. vinyl chloride									
5. chloroethane									
6. methylene chloride				3000					
7. acrylonitrile									
8. trichlorofluoromethane									
9. 1,1-dichloroethylene									
10. 1,1-dichloroethane				300					
11. trans-1,2-dichloroethylene		80		1100			*		
12. chloroform									
13. 1,2-dichloroethane							*		
14. 1,1,1-trichloroethane		30							
15. carbon tetrachloride									
16. bromodichloromethane									
17. 1,2-dichloropropane									
18. trans-1,3-dichloropropane									
19. trichloroethylene									
20. benzene				200					
21. dibromochloromethane									
22. cis-1,3-dichloropropene									
23. 1,1,2-trichloroethane									
24. bromoform									
25. 1,1,2,2-tetrachloroethane									
26. tetrachloroethylene									
27. toluene		6500		9000					
28. chlorobenzene		2000		1600					
29. ethyl benzene		60		300					
30. bis-chloromethyl ether									
31. 2-chloroethyl vinyl ether									
32. acrolein	NA	NA 100	ND	NA 700	ND	ND	NA		
xylene		12ppm	71ppm	300ppm	48ppm	5600	4400		
THF		3000		4000					

For xylene
NA= not analyzed
ND= not detectedΔ-detection limit
500ppb (otherwise
detection limit is
1 ppb).

clean

FTH/Flux

All results in ug/l (ppb) unless otherwise

Reported by: N.S.
Checked by: ADW

ENERGY RESOURCES COMPANY INC.

Sample Recd: 13OCT80

Volatile Organics Analysis by GC/MS

Date Analysis Completed: 20OCT80

Analyzed for: GHR

71561 ~~71562~~ 71562
A A ?
OW-2-2

Compounds	Blank	OW-2-1	OW-4-1	OW-7-1					
1. chloromethane									
2. bromomethane									
3. dichlorodifluoromethane									
4. vinyl chloride									
5. chloroethane									
6. methylene chloride		1,000			1,000				
7. acrylonitrile									
8. trichlorofluoromethane									
9. 1,1-dichloroethylene					500				
10. 1,1-dichloroethane		600	200		500				
11. trans-1,2-dichloroethylene		8500	620		10,000				
12. chloroform									
13. 1,2-dichloroethane									
14. 1,1,1-trichloroethane		12ppm	3100		3000				
15. carbon tetrachloride									
16. bromodichloromethane									
17. 1,2-dichloropropane									
18. trans-1,3-dichloropropane									
19. trichloroethylene			650						
20. benzene									
21. dibromochloromethane									
22. cis-1,3-dichloropropene									
23. 1,1,2-trichloroethane									
24. bromoform									
25. 1,1,2,2-tetrachloroethane									
26. tetrachloroethylene									
27. toluene		5500	500	10	5000				
28. chlorobenzene									
29. ethyl benzene		300		28	420				
30. bis-chloromethyl ether									
31. 2-chloroethyl vinyl ether									
32. acetoin	NA	NA	NA	ND	200	1000			
xylene									
THF									

For xylene
NA= not analyzed
ND= not detected

Δ-detection limit
10ppm for THF and
500ppb for all
other compounds
(otherwise the
detection limit is
1ppb).

All results in µg/l (ppb) unless otherwise

Reported by: K.S.
Checked by: ADW