



DEPARTMENT OF THE ARMY
Headquarters, U.S. Army Garrison Fort Monmouth
Fort Monmouth, New Jersey 07703-5000



REPLY TO
ATTENTION OF

Directorate of Public Works

24 February 1997

State of New Jersey
Department of Environmental Protection
Division of Responsible Party Site Remediation
ATTN: Ian Curtis
CN 028
Trenton, NJ 08625-0028

Re: U.S. Army Fort Monmouth,
Site Investigation Report -
Suspected Hazardous Waste Sites
(December 1995)

NJDEP Correspondence (Dated 4 April 1996),
Remedial Investigation Report,
Fort Monmouth (Main Post and Charles Wood), NJ

Dear Mr. Curtis:

The Directorate of Public Works (hereafter "The DPW") has reviewed the subject comments as submitted by the NJDEP on 4 April 1996. Referenced below is a line by line response to each comment.

GENERAL COMMENTS:

1. **Landfills.** All Base landfills must comply with NJ Solid Waste Management Act N.J.A.C. 7:26-2A et seq. If Fort Monmouth is able to document that the appropriate solid waste closure procedures were followed, no additional action is required other than the DEP approved monitoring. However, if an approved closure was not performed at the landfill, it is recommended that a minimum soil cover of one foot be extended over all areas of documented disposal activities. Also, the approximate boundaries must be established and annotated in the Declaration of Environmental Restriction (DER).

Response: As previously discussed, the DPW is unable to document that the seven former landfill sites (M-2, M-3, M-4, M-5, M-8, M-12 & M-14) located on the Main Post of Fort Monmouth have been closed in accordance with N.J.A.C. 7:26-2A et seq. Each of

the referenced areas were covered with suitable fill material at the time of closure. All seven sites have been closed for at least seventeen years and have naturally vegetated over this time period. In order to bring this issue to proper closure, the DPW proposes to collect surface soil samples from each of the seven landfills to document that the existing cover material does not contain contaminant levels above the Residential Direct Contact Soil Cleanup Criteria and/or established background levels. Samples will be collected in accordance with the requirements set forth in N.J.A.C. 7:26E et seq. and the NJDEP Field Sampling Procedures Manual. Each sample will be analyzed for TCL + 30 parameters and TAL metals. The DPW anticipates commencing this sampling initiative in October 1997. Our estimated completion date for this project is December 31, 1998. Samples will be collected and analyzed by our in-house staff utilizing our internal NJDEP certified laboratory.

2. Soil. Soils determined to be contaminated above Residential Direct Contact Soil Cleanup Criteria will either have to be remediated or, where appropriate (i.e. consistent with the Industrial Site Recovery Act/Hazardous Discharge Site Remediation Act 58:10B-1 et seq.), DERs will have to be established.

Response: Soils identified as having contaminant levels above the Residential Direct Contact Soil Cleanup Criteria will either be remediated to the applicable standard or, where appropriate, have Declaration of Environmental Restrictions established for a given site.

3. Ground Water. Where determined appropriate, remedial actions consistent with the Ground Water Quality Standards (N.J.A.C. 7:9-6 et seq.) must be implemented. As stated in the report, natural remediation may be the most viable option. In these instances remedial alternatives such as those stated in Section 6.6, Classification Exemption Areas (CEA), must be applied for all areas in which ground water has been found to contain one or more constituent standard for the given classification which is not being met or will not be met in the localized areas.

Response: The DPW will file the necessary paperwork with the NJDEP in order to facilitate the issuance of Classification Exemption Areas for sites where Ground Water Quality Standards (N.J.A.C. 7:9-6 et seq.) are not being met.

4. TICs. As agreed to in the Work Plan for these investigations, specific analysis of TAL/TCL plus 30 (TAL/TCL +30) TICs were to be performed. Reference graphs/tables for the TICs could not be located, particularly within the text. Please provide this information.

Response: A list of TICs is provided as Attachment 1.

5. Background. Use of background samples to compare likely regional or indigenous compound levels with those found at each site are acceptable practice. However, the NJDEP does not consider "Maximum Monmouth County background" concentrations to

be applicable to an area where other samples taken only feet away showed minimal compound concentrations. Where necessary and appropriate, DERs and CEAs will have to be applied to all areas where compounds are detected above NJDEP criteria.

Response: Published data for concentrations in soil and ground water at locations close to Fort Monmouth was included in the background data set to get a more representative estimate of the range of concentrations that the soil and groundwater can exhibit.

Regionally, the concentrations of metals in the “natural soils” exhibit wide variations in concentrations. Soils in eastern New Jersey exhibit a range of metal concentrations of over two orders-of-magnitude.

Sites 35 and 36 were chosen because they are on the Coastal Plain Physiographic Province and are relatively close to Fort Monmouth (see Figure 1). Site 36 is inland, like Charles Wood and Site 35 is closer to the coast, like the Main Post, Fort Monmouth. Generally, the metals concentrations in samples at Fort Monmouth are similar to the regional background concentrations (compare Table 4.1-6 in the *Site Investigation* with Table 1). Site 19 is also in Monmouth County but was not considered as a background sample because it is further inland.

It should be noted that the individual sites are as much as one-half mile away from background locations. In addition, as can be seen from Figure 2.4-1 of the *Site Investigation*, the nearest background sample may have been taken from a different soil type.

6. Averaging Concentrations. Future reports must provide 95% confidence limits in place of average concentrations found.

Response: Because the term “95% confidence limit” can be defined in different ways, use was made of the EPA guidance document “*Statistical Methods for Evaluating the Attainment of Cleanup Standards, Volume 3*” (1992), which suggested that sample results be compared against the 95% confidence limit for the 95th quantile of the background samples. Tables 2 and 3 compare the site specific maximum value, the Monmouth County value, and the 95% confidence limit. The 95% confidence limit was calculated using only Fort Monmouth background data and does not include the Monmouth County data. A value of one half the detection limit was used if the sample result was below the detection limit. Results are presented only for inorganic compounds because organic compounds were either not detected in background samples or, if detected, were detected at concentrations which were less than the New Jersey regulatory criteria.

As can be seen from the tables, the 95% confidence limit is generally greater than the Fort Monmouth maximum background value. Using the 95% confidence limit instead of the Fort Monmouth maximum background values will not affect the current list of compounds that exceed NJDEP criteria and background.

7. **Data Package.** The attached data package (Appendix D) is confusing and appears to be incomplete and indistinct. For instance, cross-referencing samples and respective concentrations was often difficult to impossible. Samples which are shown in the text tables to be highly concentrated in some compounds appear to be reported as being at the detection limits in the Appendix. While this may be a referencing problem, it is much too difficult and time consuming. An explanation or additional (justification) will have to be provided. If the NJDEP determines that the data truly is inaccurately referenced in the Appendix, another, more readable format will have to be provided.

In addition, several samples appear to be missing (MP:MW-1, background sediment samples).

There is also a question regarding why the Contract Required Detection Limits were often higher than the applicable criteria. All such data would be concluded to potentially contain contaminants above the applicable criteria. Please explain these discrepancies. Future analytical methods must be capable of detecting to at least the applicable criteria.

Response: The data package (Appendix D) was reviewed for cross-referencing errors. A possible source of confusion is that only the average of the two groundwater sampling rounds is presented in the summary tables in the body of the report, whereas the results of each round are presented in Appendix D. It should also be noted that when one of the values is a non-detect and the other value is above the detection limit, one half of the method detection limit was used for the non-detect sample when calculating the average.

To further clarify the sample ID number, a one-page explanation of the sample ID code is included in this letter as Attachment 2. It is suggested that this explanation be placed at the beginning of Appendix D in the *Site Investigation Report*.

Regarding the missing samples (MP:MW-1, background sediment samples); the results can be found in Appendix D.

As discussed in Section 5.5 of the Site Investigation Report, the analytical method proposed in the 1993 report *Investigation of Suspected Hazardous Waste Sites at Fort Monmouth, New Jersey* and approved by the NJDEP in a letter dated 20 April 1994 provided low-to-medium detection limits. This method was proposed because many of the sites are under long-term monitoring programs and the specified method provides for accurate data in a relatively broad range of contamination levels without requiring special analytical methods. Lower detection limits can be achieved under CLP by using Special Analytical Services (SAS), i.e., non-standard CLP method.

8. **Holding Times.** There were numerous exceedences of required compound analysis holding times. Since future sampling will have to be performed in these areas anyway, the NJDEP will not require a resubmission of the data. *The Technical Regulations for Site Remediation* require that certain restrictions be placed on this data. Future exceedences will result in outright denial of data.

Response: The data validation report did not reject any data as a result of missing sample holding times. The few incidents where sample holding times were exceeded were not considered significant enough to affect the data usability. The holding time was calculated for each sample and compared against the criteria contained in the NJDEP *Field Sampling Procedures Manual*. The holding time is calculated from the validated time of sample receipt at the laboratory. Allowing for 1-2 days from sampling date to receipt at the laboratory, four samples were found to have exceeded NJDEP holding times criteria. Information on these four samples is contained in Table 4. Two of the samples were background samples in which no compounds were detected. The third sample was a re-analysis of a sediment sample at site AOC3. The original sample was analyzed within holding times but because of poor surrogate recovery was re-analyzed to verify the results. The fourth sample was a soil sample at site CW-6. The volatile analysis exceeded holding time. It should be noted that nearby monitoring wells will continue to be sampled in the future. See also the response to Specific Comment # 20.

9. Data Analysis. Future analysis must reliably detect compound concentrations below the more stringent of Federal or State action levels/requirements. The report has stated that all of the surface water and ground water samples which were determined to have detection limits which exceed the most stringent NJDEP criteria are recommended to be re-sampled. This is acceptable to the NJDEP.

Response: As discussed above, the laboratory analysis was performed using the methods stipulated in the *Investigation of Suspected Hazardous Waste Sites at Fort Monmouth, New Jersey*. Future analyses will use analytical methods with lower detection limits.

10. Soil Averaging. In several instances it appears as though soil averaging was performed on samples from the same depths but different sites. This is not appropriate. Please refer to the guidance for all of the required parameters. Note that when the required parameters were followed, the averaged contamination was determined to be within acceptable limits.

Response: Soil averaging was performed for sites CW-6 and CW-9. The response to Specific Comments # 15 addresses this issue.

SPECIFIC COMMENTS

1) **Page 4.1-18, Line 25.** Landscaping fill is not generally considered as indigenous, and therefore would not be considered as a representative background sample. Please provide some discussion as to why samples taken in landscaping fill should be considered background, if no appropriate reasoning can be provided, resampling may be required.

Response: The material identified as “landscaping fill” can be considered reasonably typical of the materials (natural and anthropogenic) at Fort Monmouth. “Landscaping fill” could alternatively be called “disturbed soil”. Most of the soil on Fort Monmouth and the entire local area has been disturbed by regrading and construction. The

“landscaping fill” (or landscaped soil) at Fort Monmouth is virtually indistinguishable from “natural” material based on texture, mineralogy, and/or chemical content. The “landscaping fill” was identified by its olive brown color, orange iron staining and mottles, massive bedding, buried grass fragments or soils, and location.

Fields *et al.*, 1992 used samples of “disturbed soil” (regraded soil, essentially landscaped soil) from rural, suburban, and urban parks to determine background concentrations of metals and organic compounds in NJ (see Table 1, pp 7 and 8 in Fields *et al.*, 1992). They noted that the two “fill” samples that were analyzed contained metal concentrations that “were close to the geometric mean and median metal concentrations of the soils in the urban category, with the exception of the lead and zinc values” (Fields *et al.*, 1992, p. 25).

2) **Site M-2. Page 4.2-16, Line 24.** The Report states that monitor wells MW-2 and MW-3 are down gradient of the M-2 area. With respect to Figure 4.2-4, and the suggested flow of ground water in the direction of Mill Creek, monitor wells M-2 and M-3 (*interpreted to mean MW-2 and MW-3*) appear to be more side gradient than down gradient of the M-2 Landfill. Clarification is required.

Response: A monitoring well was not installed directly down gradient of the central part of Site M-2 due to access difficulties. Surface water sampling location M2SW-1 was established as an alternative sampling location. However, the DPW agrees to install one additional monitoring well down gradient of the central part of the site.

3) **Site M-2. Page 4.2-21, Line 10.** It is stated that the lead concentration exceeded the criteria in the filtered sample but was not detected above criteria in the unfiltered sample. Since this seems to be an odd occurrence, please explain how this can arise.

Response: Although the filtered lead concentration should not be greater than the unfiltered concentration for the same sample, this result may occur because the filtered and unfiltered samples are two separate samples, taken at two slightly different times. Although this result cannot be definitively explained, it should be noted that downstream sample results at sampling location M2SW-2 were below NJDEP criteria for lead. The DPW will continue to analyze for lead in future samples.

4) **Site M-2. Page 4.2-23, Recommendations.** The recommendation for long term monitoring of ground water at Site M-2 Landfill is appropriate, however DEP does not agree that the existing monitoring wells are positioned properly to intercept contaminated ground water emanating from the landfill. DEP recommends that either one additional well be added between M-2 and M-3 (*believed to reference MW-2 and MW-3*) or as an alternative, the ground water discharging to Mill Creek must be sampled directly from beneath the stream bed utilizing either a series of stream piezometers or seepage meter sampling devices.

Response: One additional well will be installed (see response to Specific Comment # 2).

5) **Site M-3. Page 4.2-40, Recommendations.** Prior to implementing formal landfill closure procedures, it is recommended that Fort Monmouth conduct a series of borings or test pits within the suspected historical disposal area in order to determine whether soil contamination actually exists and if so, to what extent it may be acting as a source to ground water contamination. Soil samples should be collected and biased to stained or obviously contaminated soils. Laboratory analysis should include full TCL and TAL parameters plus 30 TICs.

Response: The response listed under General Comments # 1 addresses this issue.

6) **Site M-5. (M-5) Page 4.2-67, Line 2.** The NJDEP does not recognize MW-11 as an "upgradient" well. Furthermore, the fact that the well had PCE contamination as high as 109 ppb (GWQC 1 ppb) is disturbing at the least. Such contaminant levels alert us to the fact that we have picked up an unknown source. Sources of ground water contamination other than the site landfills must be investigated and fully delineated. In order to assist in the placement of additional ground water monitoring wells, the collection of ground water samples may be conducted by use of either hydropunch or geoprobe sampling devices. Please provide some explanation and remedial action consistent with NJDEP regulations and policy.

Response: As recommended, the DPW will conduct a geoprobe sampling investigation in the area of wells MW-11 on Site M-5 and MW-12 on Site M-8. The purpose of the investigation will be to identify the source of the PCE contamination and to delineate the horizontal and vertical extent of said contamination. Additional monitoring wells will be installed, if necessary, to monitor site conditions. Commencement of the remedial investigation activities is scheduled for July 1997. Our current estimated completion date for this action is December 31, 1997. The results of the remedial investigation will determine whether additional site activities beyond long term monitoring are necessary.

7) **Site M-5. (M-5) Page 4.2-67, Line 18.** The NJDEP recognizes the argument that since there are no human receptors, remedial action priority is not automatically required. However, no discussion as to the amount of risk posed to environmental receptors is mentioned or discussed. Please provide comments.

Response: The environmental receptors that would be effected by ground water contamination at site M-5 are those existing in Mill Creek and Lafetra Creek because the contaminated ground water flows towards these creeks. As discussed in Section 4.2.5.6 of the Site Investigation Report, these creeks, and Parkers Creek, which is formed by the confluence of Mill Creek and Lafetra Creek, have been sampled since 1986 because of NJPDES permit requirements. The maximum concentration for tetrachloroethene (PCE) detected in surface waters near Sites M-5 or M-8 was 5.9 ug/L (see *Investigation of Suspected Hazardous Waste Sites at Fort Monmouth, NJ*, 1993). The NJDEP regulation *Surface Water Quality Standards* (NJDEP 7.9B) does not give surface water criteria for ecological receptors. The EPA published Lower Observed Effects Levels (LOEL) in (EPA 440/5-86-001). These levels are the lowest surface water concentrations for

Quality Criteria for Water whose effects are seen in aquatic organisms. The chronic LOEL for tetrathloroethene is 450 ug/L, which is well above the concentration measured in Mill Creek. Although these standards apply to aquatic organism only, VOCs do not tend to bioaccumulate, therefore, other organisms, such as birds, are unlikely to be at risk.

8) **Site M-5. (M-5) Page 4.2-67, Recommendations.** As previously discussed in the General Comments section, appropriate landfill closure requirements should be addressed. Also, stream sampling devices (piezometer, seepage meter sampling devices) are recommended for monitoring ground water from beneath the stream bed.

Response: The responses listed under General Comments # 1 and Specific Comments # 6 address these two issues.

9) **Site M-6.** NJDEP concurs with the remedial actions proposed.

Response: No response necessary.

10) **Sites M-8, M-12, and M-14.** Each of these sites has contamination in excess of the NJDEP criteria (particularly M-8). Each landfill must meet landfill closure requirements. Hydropunch and geoprobe devices may be useful technologies in placing wells designed for long-term monitoring.

Response: Regarding the landfill closure requirements, the response listed under General Comments # 1 addresses this issue. As a matter of clarification, sample data previously submitted for the M-12 site has revealed no compounds of concern above NJDEP Quality Standards. The DPW has proposed to include the M-12 site in our overall long term monitoring program as an added measure to ensure site conditions remain stable. The DPW has also proposed long term monitoring for ground water and surface water at the M-8 and M-14 sites. Monitoring wells previously installed at the M-8, M-12 and M-14 sites have been properly positioned to monitor contaminant levels at each of the referenced sites. Your reference to elevated contaminant levels at the M-8 site is being addressed as part of the remedial investigation outlined for the M-5 site which is discussed under Specific Comments # 6.

11) **Sites M-15, M-16, and M-18.** The NJDEP concurs with the remedial actions proposed.

Response: No response necessary.

12) **Site AOC-3.** The NJDEP concurs with the recommendation for no further action.

Response: No response necessary.

13) **Pre-1941 Sanitary Treatment Plan (STP). Page 4.2-172, Table 4.2-21.** The sediment data for STPSD-1 should be compared to both the ERL and ERM criteria, in order to determine the severity of the sediment contaminant data within the range of sediment guidance values. Discussion and results should be provided as appropriate.

Response: Table 4.4-21 has been revised to compare analytical results against the Effects Range-Low (ERL) and Effects Range - Median (ERM) for the Pre - 1941 Sanitary Treatment Plant (see Attachment 3). The ERL value is the concentration above which adverse effects may start to be observed in sensitive species. The ERM value is the concentration above which effects were frequently observed. One compound, silver, exceeds the ERM. Its value is 5.2 mg/kg as compared to the ERM of 3.7 mg/kg. The other compounds that exceed the ERL are well below the ERM.

Because one metal, silver, exceeds the ERM, the DPW will collect four additional sediment samples at 3" - 6" depth within 10 feet of the original sampling location and analyze for the five metals that exceeded the ERL and background (arsenic, cadmium, chromium, silver, and zinc). We currently plan on collecting the four sediment samples toward the latter part of March 1997.

14) **Site CW-1, CW-2, CW-3 and CW-3A .** NJDEP concurs with the recommendations for these areas. However, it is suggested that Fort Monmouth consider the use of a geoprobe or hydropunch ground water sampling method rather than the soil gas approach.

Response: The DPW has already conducted soil gas investigations at Sites CW-1 and CW-2. A passive soil gas survey was performed using GoreSorbors. This method achieved the objective of determining the direction and approximate magnitude of the ground water plume at CW-1. The results of the soil gas survey at this site were used to place three additional monitoring wells to determine if contamination exists at lower aquifer depths and to provide for additional monitoring locations during site remediation activities. The DPW anticipates awarding a contract to a qualified consulting firm prior to 1 April 1997 for developing a remedial action plan for the CW-1 site. We currently estimate implementing the construction phase for the remedial action in October/November 1997.

No soil gas was detected at Site CW-2, which is understandable since only one VOC, tetrachloroethene, was detected in only one well at very low concentration (4 ug/L). The DPW proposes to include the CW-2 site as part of its long term monitoring efforts. The results of the soil gas investigation and additional groundwater sampling will be provided to the NJDEP under separate cover.

Exploratory trenching will be conducted at the CW-3 and CW-3A sites to document that neither site ever served as a landfill. The DPW plans on conducting the exploratory trenching work during May of 1997. If solid wastes are found to be absent from the sites, a no further action determination shall be requested from the NJDEP. In the event solid

wastes are identified, both soil and ground water samples will be collected via a geoprobe sampling unit in order to properly evaluate site conditions. All samples will be analyzed for TCL + 30 parameters and TAL metals.

15) **Page 4.3-69, Line 7; Page 4.3-83, Line 11.** See general comments "soil averaging".

Response: Cadmium was detected in excess of the NJDEP SCC at two surface soil locations, one at CW-6 (SS-01) and one at CW-9 (SS-07). In accordance with the NJDEP *Cleanup Standards for Contaminated Sites* (NJDEP, 1992), the arithmetical mean of cadmium was calculated from the 10 surface soil samples (one at CW-6 and nine at CW-9) at the two sites, since the samples were collected within the same sampling interval (0 to 6 inches).

The two separate site concentrations were averaged together for the following reasons: (1) the differences between the two sites are more administrative than technical and, (2) the sites are adjacent. The distance between surface soil locations SS-01 (CW-6) and SS-07 (CW-9), is approximately 250 feet. However, the distance between SS-07 and SS-01, both located in site CW-9, is approximately 450 feet.

In addition, the DPW requests that the EPA's soil screening levels (SSLs) be used for cadmium because the EPA's SSL is higher for cadmium than NJDEP's SCC (39 mg/kg vs 1 mg/kg). Therefore, cadmium levels in soil do not exceed cleanup criteria.

16) **Site CW-4, CW-5, CW-6, and CW-9.** NJDEP concurs with the recommendations proposed for these areas.

Response: The remedial action proposed for the CW-4 site is scheduled for April/May 1997. The CW-6 site will be included in the long term monitoring program. The DPW has proposed no further action for both the CW-5 and CW-9 sites. It is requested that the NJDEP clearly state that a no further action determination is approved for the CW-5 and CW-9 sites.

17) **Page 4.3-88, Line 22.** Please explain why samples were not taken at the surface, but rather from intervals ranging from 8-14 feet below ground surface. The NJDEP approves the no further remedial action proposal for site AOC-7.

Response: Six soil borings were installed at this site. One sample was collected at each boring based on screening with a photoionization detector (OVM). Since no elevated readings with the OVM were detected, one sample from each boring was collected from the interval immediately above the water table. The sampling intervals varied depending on depth where water was encountered. For example, in SB-01, saturation was noted during drilling activities at 12 feet below ground surface. Subsequently, the soil boring sample was collected between 10 and 12 feet below ground surface. No elevated OVM readings were recorded and the analytical results indicated no compounds of concern were detected

above groundwater, indicating that soil and groundwater have not been impacted at this site. In addition, the surface soils at this site will be reworked because of planned future construction. Therefore, additional sampling is not recommended.

18) **Page 4.3-94, Table 4.3-16.** Sample CW07-TR01 showed soil contamination above the impact to ground water soil cleanup criteria. Remedial actions proposed for the Charles Wood PCB Transformers should take impact to ground water potential into account when soil removal is performed. Ground water monitor wells are not necessarily required unless further investigations dictate. The proposed remedial actions are acceptable to the NJDEP.

Response: The DPW has conducted additional soil sampling at this site to further delineate the extent of contamination. The results of the sampling will be used to determine how much soil will be excavated. The impact to ground water will be evaluated by determining whether soil is contaminated down to the depth of the water table. The preliminary results suggest that this is not the case, although remedial action may need to be completed and confirmatory sampling performed before the impact to ground water can be completely evaluated. A copy of the remedial investigation report will be provided to the NJDEP under separate cover. We anticipate commencing with the remedial action in October/November 1997.

19) **Page 5-18, Lines 7 to 10.** As confusing as these sentences were, the NJDEP has determined that 59% of the soil duplicate results were within 10% of the routine sample. This is in no way "reasonable agreement". Please provide an explanation and comment.

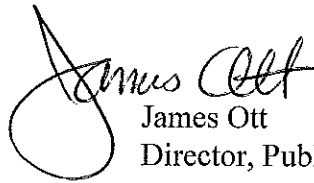
Response: The comment referred to duplicate samples for soil. Soil samples are not homogeneous, therefore the difference between two duplicates can be quite large. The Army Corps of Engineers Split Samples QA Program acknowledged this fact by establishing a factor of 10x as the acceptable range for soil samples when comparing two split samples. As explained in Section 5, the result of duplicate analyses were compared for each compound that was detected and the percent differences presented in Table 5.3-4. Although the percent difference is quite large in some cases, that is to be expected when sampling soil, because of the nonhomogeneity of soil. To put the results presented in the table in perspective, these results are compared with data contained in *Data Quality Objectives for Remedial Response Activities* (EPA 540 1 G-87-003, 1987). This document defines precision as the reproducibility of measurements which can be determined by taking duplicate samples. Precision is reported as the % Relative Standard Deviation (% RSD). From Table 5.3-4, the average % RSD for soil samples is 18%. Appendix F of the above referenced document presents typical values of % RSD. Almost all the compounds that were detected in the duplicate soil samples were metals. The typical values of precision for metals for CLP Routine Analytical Services (RAS) ranged from 5.8% to 44.1%, depending on the metal. Therefore, the results of the duplicate samples are in agreement with the data presented in the EPA document.

20) **Appendix D, Page 12.** Excessive holding times for analysis are noted in this table. A discussion on the effects that this will have on the results should be provided.

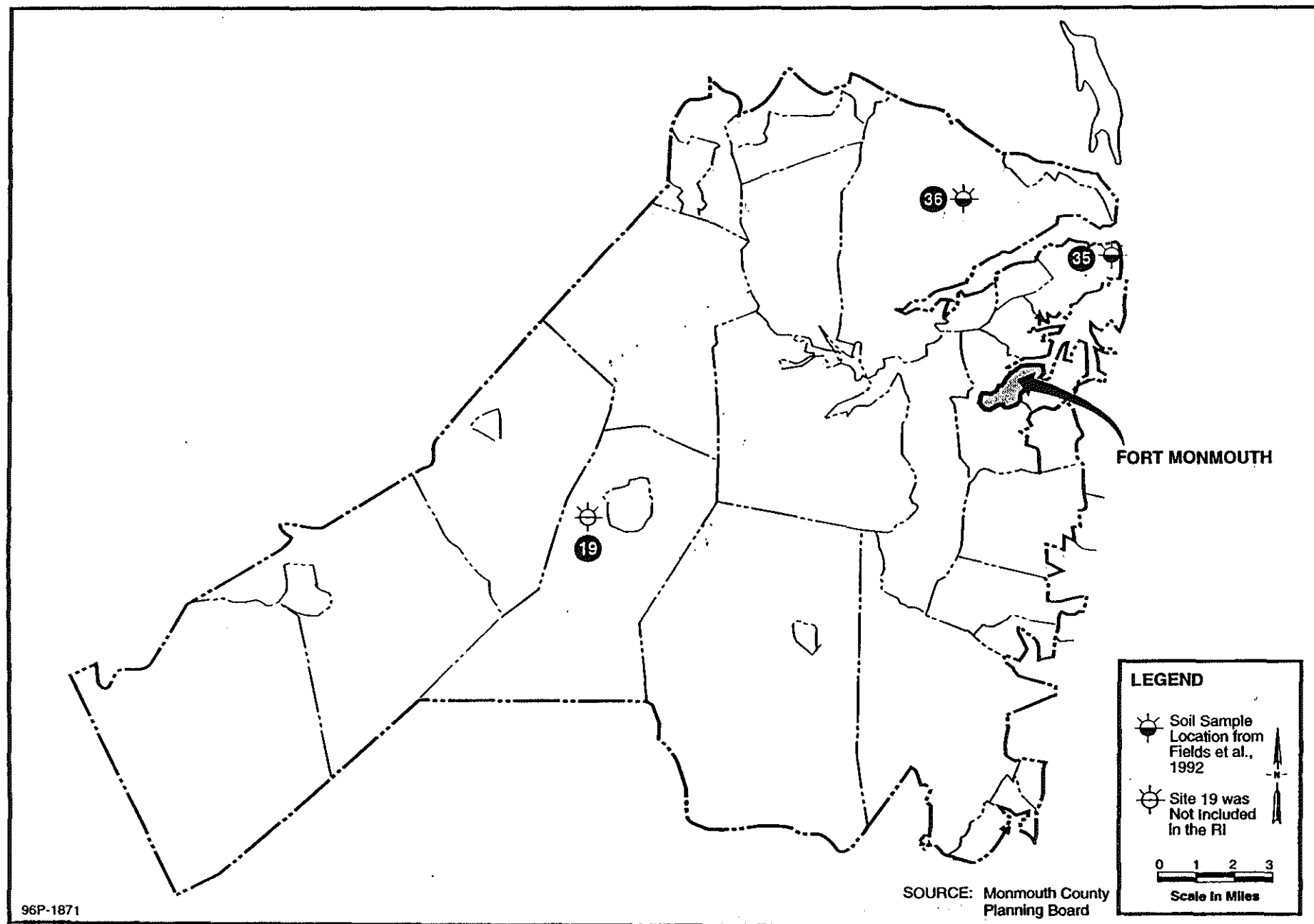
Response: For this example, the sample was analyzed 40 days after receipt of sample at the lab, which is within the holding time requirement contained in the NJDEP *Field Sampling Manual*.

Questions regarding this submission can be directed to Mr. Joseph Fallon. He can be reached at the following telephone number: (908) 532-6223.

Sincerely,

A handwritten signature in black ink, appearing to read "James Ott". The signature is stylized with a large, looping initial "J" and a cursive "Ott".

James Ott
Director, Public Works



**FIGURE 1 MONMOUTH COUNTY
BACKGROUND SOIL LOCATIONS**
(as referenced in Field et al. 1992)

TABLE 1
BACKGROUND METAL CONCENTRATIONS IN SOILS IN EASTERN NJ

METAL	RANGE (mg/kg)	GEOMETRIC MEAN (mg/kg)	ARITHMETICAL MEAN (mg/kg) (# of points)
As	0.06 to 17.1	8.58	4.80 (8)
Be	0.03 to 1.63	0.47	0.83 (8)
Cr	2.5 to 20.7	8.79	11.6 (8)
Cu	1.34 to 7.27	4.45	4.31 (8)
Fe	0.09 to 23.7 (ppm)	8.12(ppm)	11.9 (ppm)(8)
Hg	0.1 to 0.17	0.13	0.14 (3)
Mn	4 to 120	35.13	62 (8)
Ni	1.4 to 8.3	4.87	4.85 (6)
Pb	3.7 to 46	20.09	24.85 (8)
Se	0.05 to 0.8	0.22	0.43 (6)
V	0.7 to 23.5	6.25	12.1 (8)
Zn	4 to 44.6	18.56	24.3 (8)

NOTES:

Undisturbed soils only

From Fields et al, 1992, Appendix II

TABLE 2

Soil and Groundwater Background Concentrations - Main Post

COMPOUNDS	SOILS			GROUNDWATER		
	Site Specific (maximum)	Monmouth County (maximum)	95% Confidence Limit	Site Specific (maximum)	Monmouth County (maximum)	95% Confidence Limit
METALS TOTAL	(mg/kg)	(mg/kg)	(mg/kg)	(µg/L)	(µg/L)	(µg/L)
Aluminum	15200	NLE	NLE	121000	NLE	120039
Antimony	ND	NLE	NLE	20.7	NLE	21.4
Arsenic	22.9	4.56	4.56	89.3	NLE	101
Barium	32.3	NLE	NLE	699	400	856
Beryllium	2	0.09	0.09	2.1	7	14.8
Calcium	921	NLE	NLE	45400	7300	66592
Cadmium	ND	0.116	0.116	9.5	6	10
Cobalt	2.5	NLE	NLE	18.3	NLE	52
Chromium	269	0.104	0.104	191	< 50	1567
Copper	8	6.05	6.05	65.6	730	74.9
Cyanide	ND	NLE	NLE	ND	NLE	ND
Iron	55800	11	11	431000	27000	424796
Lead	19.5	25.9	25.9	22.7	< 100	77.2
Magnesium	7230	NLE	NLE	62700	25000	61459
Mercury	ND	NLE	NLE	0.26	NLE	0.3
Manganese	90.7	59	59	331	480	404
Nickel	8.4	3.2	3.2	187	NLE	226
Potassium	15400	NLE	NLE	137000	10000	134471
Silver	1.1	0.21	0.21	ND	< 10	ND
Sodium	51.6	NLE	NLE	21500	197000	28952
Selenium	1.9	0.11	0.11	29.6	NLE	35.6
Thallium	ND	NLE	NLE	5.5	NLE	5.9
Vanadium	94.1	1.3	1.3	108	NLE	4504
Zinc	81.4	44.6	44.6	233	60	806.8

ND - Not detected at the quantification limits

NLE - No level established

Bold indicates that the 95% confidence limit value is less than both the maximum site specific and Monmouth County Value.

TABLE 3

Soil and Groundwater Maximum Background Concentrations - Charles Wood

COMPOUNDS	SOILS			GROUNDWATER		
	Site Specific (maximum)	Monmouth County (maximum)	95% Confidence Limit	Site Specific (maximum)	Monmouth County (maximum)	95% Confidence Limit
METALS TOTAL	(mg/kg)	(mg/kg)	(mg/kg)	(µg/L)	(µg/L)	(µg/L)
Aluminum	15700	NLE	17029	8210	NLE	10112
Antimony	ND	NLE	ND	ND	NLE	ND
Arsenic	31.6	10.7	41.6	25.1	NLE	27.6
Barium	26	NLE	59.4	192	400	229
Beryllium	1.7	0.88	2.3	2.8	7	3.1
Calcium	653	NLE	976	8700	7300	12396
Cadmium	ND	0.135	ND	3.7	6	1.8
Cobalt	4.5	NLE	5.9	30.6	NLE	38.5
Chromium	128	0.14	153	49.6	< 50	64.9
Copper	6.6	7.27	7.7	9.8	8210	10.5
Cyanide	0.41	NLE	0.4	ND	ND	ND
Iron	45500	23.7	58271	19600	25.1	24143
Lead	11.1	15.1	14.5	7.3	192	5.5
Magnesium	3960	NLE	4904	7160	2.8	10215
Mercury	ND	NLE	0.3	ND	8700	ND
Manganese	48.7	120	120	232	3.7	275
Nickel	8.3	8.3	11.3	48.3	30.6	56
Potassium	10600	NLE	12717	4630	49.6	5519
Silver	ND	0.26	ND	ND	9.8	ND
Sodium	56.8	NLE	71.5	36400	ND	46274
Selenium	0.85	0.17	1.1	3.8	NLE	4.7
Thallium	ND	NLE	ND	ND	NLE	ND
Vanadium	59.6	14	65	28.9	NLE	20.1
Zinc	55.6	28.1	83	133	60	169

ND - Not detected at the quantification limits

NLE - No Level
established

Bold indicates that the 95% confidence limit value is less than both the maximum site specific and Monmouth County values.

TABLE 4**SAMPLES EXCEEDING HOLDING TIME CRITERIA**

Site	Sample ID	Medium	Analysis	NJDEP Criteria (days)	Holding Time (days)
Main Post background	SS01-SW02-A01	Surface water	Pest./PCB	40	46
Main Post background	SS01-SD01-A01DL	Sediment	Volatile	10	15
Main Post AOC3	MP08-SD01-A01RE	Sediment	Pest./PCB	40	46
Charles Wood CW6	CW06-5B02-A01	Soil	Volatile	10	13

ATTACHMENT 1

TENTATIVELY IDENTIFIED COMPOUNDS (TICs)

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	BKGD	MW	B9-MW09B-A01	Water	VOA	None			
Charles Wood	BKGD	MW	B6-MW06B-A01	Water	VOA	None			
Charles Wood	BKGD	MW	B7-MW07B-A01	Water	VOA	None			
Charles Wood	BKGD	MW	B8-MW08B-A01	Water	VOA	None			
Charles Wood	BKGD	MW	B10-MW10B-A01	Water	VOA	None			
Charles Wood	BKGD	MW	B10-MW10B-D01	Water	VOA	None			
Charles Wood	BKGD	MW	B10-MW10B-E01	Water	VOA	None			
Charles Wood	BKGD	MW	B9-MW09B-A01	Water	BNA	Unknown Ketone	6.22	4	ug/L
Charles Wood	BKGD	MW	B9-MW09B-A01	Water	BNA	Unknown	11.35	4	ug/L
Charles Wood	BKGD	MW	B6-MW06B-A01	Water	BNA	Unknown Ketone	6.23	4	ug/L
Charles Wood	BKGD	MW	B9-MW09B-A01	Water	BNA	Unknown	11.36	3	ug/L
Charles Wood	BKGD	MW	B6-MW06B-A01	Water	BNA	Molecular Sulfur	23.54	4	ug/L
Charles Wood	BKGD	MW	B7-MW07B-A01	Water	BNA	Unknown Ketone	6.23	3	ug/L
Charles Wood	BKGD	MW	B7-MW07B-A01	Water	BNA	Unknown	11.35	3	ug/L
Charles Wood	BKGD	MW	B8-MW08B-A01	Water	BNA	Unknown Ketone	6.23	5	ug/L
Charles Wood	BKGD	MW	B10-MW10B-A01	Water	BNA	Unknown Ketone	6.23	9	ug/L
Charles Wood	BKGD	MW	B10-MW10B-E01	Water	BNA	Unknown	4.79	6	ug/L
Charles Wood	BKGD	MW	B10-MW10B-E01	Water	BNA	Unknown Ketone	6.21	9	ug/L
Charles Wood	BKGD	MW	B6-MW06B-A02	Water	BNA	None			
Charles Wood	BKGD	MW	B8-MW08B-A02	Water	BNA	Unknown Ketone	6.43	3	ug/L
Charles Wood	BKGD	MW	B10-MW10B-A02	Water	BNA	None			
Charles Wood	BKGD	MW	B10-MW10B-A02	Water	BNA	None			
Charles Wood	BKGD	MW	B10-MW10B-E02	Water	BNA	None			
Charles Wood	BKGD	MW	B6-MW06B-A02	Water	VOA	None			
Charles Wood	BKGD	MW	B8-MW08B-A02	Water	VOA	None			
Charles Wood	BKGD	MW	B10-MW10B-A02	Water	VOA	None			
Charles Wood	BKGD	MW	B10-MW10B-D02	Water	VOA	None			
Charles Wood	BKGD	MW	B10-MW10B-E02	Water	VOA	None			
Charles Wood	BKGD	MW	B9-MW09B-A02	Water	BNA	Unknown Ketone	6.4	3	ug/L
Charles Wood	BKGD	MW	B7-MW07B-A02	Water	BNA	Unknown Ketone	6.41	2	ug/L
Charles Wood	BKGD	MW	B9-MW09B-A02	Water	VOA	None			
Charles Wood	BKGD	MW	B7-MW07B-A02	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW26-A01	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW27-A01	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW28-A01	Water	VOA	None			

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-1	MW	CW01-MW29-A01	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW29-A01	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW29-D01	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW29-E01	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW26-A01	Water	BNA	Acetic Acid Ester	6.1	4	ug/L
Charles Wood	CW-1	MW	CW01-MW26-A01	Water	BNA	Unknown	29.23	4	ug/L
Charles Wood	CW-1	MW	CW01-MW27-A01	Water	BNA	Acetic Acid Ester	6.08	4	ug/L
Charles Wood	CW-1	MW	CW01-MW27-A01	Water	BNA	Triphenylphosphine oxide	27.17	5	ug/L
Charles Wood	CW-1	MW	CW01-MW27-A01	Water	BNA	Unknown	29.22	2	ug/L
Charles Wood	CW-1	MW	CW01-MW28-A01	Water	BNA	Unknown	3.1	40	ug/L
Charles Wood	CW-1	MW	CW01-MW28-A01	Water	BNA	Acetic Acid Ester	6.54	5	ug/L
Charles Wood	CW-1	MW	CW01-MW28-A01	Water	BNA	Acetic Acid Ester	6.56	5	ug/L
Charles Wood	CW-1	MW	CW01-MW29-A01	Water	BNA	Molecular Sulfur	23.69	2	ug/L
Charles Wood	CW-1	MW	CW01-MW29-E01	Water	BNA	Unknown	3.1	90	ug/L
Charles Wood	CW-1	MW	CW01-MW29-E01	Water	BNA	Unknown	5.13	9	ug/L
Charles Wood	CW-1	MW	CW01-MW29-E01	Water	BNA	Acetic Acid Ester	6.55	5	ug/L
Charles Wood	CW-1	MW	CW01-MW27-A02	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW26-A02	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW26-D02	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW26-E02	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW28-A02	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW29-A02	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW29-A02	Water	VOA	None			
Charles Wood	CW-1	MW	CW01-MW27-A02	Water	BNA	None			
Charles Wood	CW-1	MW	CW01-MW26-A02	Water	BNA	Unknown Alcohol	7.34	5	ug/L
Charles Wood	CW-1	MW	CW01-MW26-E02	Water	BNA	Unknown	4.6	5	ug/L
Charles Wood	CW-1	MW	CW01-MW28-A02	Water	BNA	None			
Charles Wood	CW-1	MW	CW01-MW29-A02	Water	BNA	Molecular Sulfur	23.57	2	ug/L
Charles Wood	CW-2	MW	CW02-MW30-A01	Water	VOA	None			
Charles Wood	CW-2	MW	CW02-MW31-A01	Water	VOA	None			
Charles Wood	CW-2	MW	CW02-MW32-A01	Water	VOA	None			
Charles Wood	CW-2	MW	CW02-MW33-A01	Water	VOA	None			
Charles Wood	CW-2	MW	CW02-MW30-A01	Water	BNA	Unknown	3.12	70	ug/L
Charles Wood	CW-2	MW	CW02-MW30-A01	Water	BNA	Acetic Acid Ester	6.56	6	ug/L
Charles Wood	CW-2	MW	CW02-MW30-A01	Water	BNA	Unknown	20.04	8	ug/L
Charles Wood	CW-2	MW	CW02-MW31-A01	Water	BNA	Acetic Acid Ester	6.56	4	ug/L

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-2	MW	CW02-MW32-A01	Water	BNA	Acetic Acid Ester	6.56	5	ug/L
Charles Wood	CW-2	MW	CW02-MW33-A01	Water	BNA	Acetic Acid Ester	6.56	5	ug/L
Charles Wood	CW-2	MW	CW02-MW33-A01	Water	BNA	Unknown	14.64	3	ug/L
Charles Wood	CW-2	MW	CW02-MW30-A02	Water	VOA	None			
Charles Wood	CW-2	MW	CW02-MW31-A02	Water	VOA	None			
Charles Wood	CW-2	MW	CW02-MW32-A02	Water	VOA	None			
Charles Wood	CW-2	MW	CW02-MW33-A02	Water	VOA	None			
Charles Wood	CW-2	MW	CW02-MW30-A02	Water	BNA	Unknown	26.32	3	ug/L
Charles Wood	CW-2	MW	CW02-MW31-A02	Water	BNA	None			
Charles Wood	CW-2	MW	CW02-MW32-A02	Water	BNA	None			
Charles Wood	CW-2	MW	CW02-MW33-A02	Water	BNA	None			
Charles Wood	CW-6	MW	CW06-MW01-A01	Water	VOA	None			
Charles Wood	CW-6	MW	CW06-MW01-A01	Water	BNA	None			
Charles Wood	CW-6	MW	CW06-MW01-A02	Water	VOA	None			
Charles Wood	CW-6	MW	CW06-MW01-E02	Water	VOA	None			
Charles Wood	CW-6	MW	CW06-MW01-D02	Water	VOA	None			
Charles Wood	CW-6	MW	CW06-MW01-A02	Water	BNA	Butanoic Acid Ester	14.36	5	ug/L
Charles Wood	CW-6	MW	CW06-MW01-A02	Water	BNA	Unknown Hydrocarbon	14.71	2	ug/L
Charles Wood	CW-6	MW	CW06-MW01-A02	Water	BNA	Unknown Hydrocarbon	15.97	2	ug/L
Charles Wood	CW-6	MW	CW06-MW01-A02	Water	BNA	Unknown Acid Ester	17.03	20	ug/L
Charles Wood	CW-6	MW	CW06-MW01-E02	Water	BNA	Unknown	3	10	ug/L
Charles Wood	CW-6	MW	CW06-MW01-E02	Water	BNA	Unknown	14.08	3	ug/L
Charles Wood	CW-6	MW	CW06-MW01-E02	Water	BNA	Propanoic Acid	14.37	6	ug/L
Charles Wood	CW-6	MW	CW06-MW01-E02	Water	BNA	Unknown Hydrocarbon	15.97	3	ug/L
Charles Wood	CW-6	MW	CW06-MW01-E02	Water	BNA	Unknown Acid Ester	17.03	20	ug/L
Charles Wood	CW-6	MW	CW06-MW34-A01	Water	VOA	None			
Charles Wood	CW-6	MW	CW06-MW34-D01	Water	VOA	None			
Charles Wood	CW-6	MW	CW06-MW34-A01	Water	BNA	Dodecanoic Acid	18.12	6	ug/L
Charles Wood	CW-6	MW	CW06-MW34-A02	Water	VOA	None			
Charles Wood	CW-6	MW	CW06-MW34-A02	Water	BNA	Cyclohexene	2.75	300	ug/L
Charles Wood	CW-9	MW	CW09-MW35-A01	Water	VOA	None			
Charles Wood	CW-9	MW	CW09-MW36-A01	Water	VOA	None			
Charles Wood	CW-9	MW	CW09-MW35-E01	Water	VOA	None			
Charles Wood	CW-9	MW	CW09-MW35-A01	Water	BNA	None			
Charles Wood	CW-9	MW	CW09-MW36-A01	Water	BNA	Dodecanoic Acid	18.11	4	ug/L
Charles Wood	CW-9	MW	CW09-MW35-E01	Water	BNA	Unknown	5.15	9	ug/L

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-9	MW	CW09-MW35-E01	Water	BNA	Unknown Ketone	6.57	2	ug/L
Charles Wood	CW-9	MW	CW09-MW35-E01	Water	BNA	Triphenylphosphineoxide	27.43	2	ug/L
Charles Wood	CW-9	MW	CW09-MW35-A02	Water	VOA	None			
Charles Wood	CW-9	MW	CW09-MW36-A02	Water	VOA	None			
Charles Wood	CW-9	MW	CW09-MW35-A02	Water	BNA	Cyclohexene	2.81	600	ug/L
Charles Wood	CW-9	MW	CW09-MW36-A02	Water	BNA	Cyclohexene	2.77	400	ug/L
Charles Wood	CW-9	MW	CW09-MW36-A02	Water	BNA	Unknown Ketone	6.44	30	ug/L
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Methylbenzene	2.91	700	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown	3.38	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown	3.89	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown	4.11	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown	4.24	500	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown Hydrocarbon	4.52	80	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown Ketone	4.89	3000	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown	5.07	80	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown	5.34	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown	6.29	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown	6.35	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Tetrachloroethane	6.56	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown	7.13	300	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown	8.92	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown Acid	16.69	200	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	BNA	Unknown	27.86	1000	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	2.24	1000	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	2.83	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Methylbenzene	2.93	300	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	3.19	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	3.5	80	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	3.91	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	4.13	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	4.25	500	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	4.54	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	4.64	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	4.72	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown Ketone	4.93	3000	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown Ketone	6.29	100	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	6.37	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Tetrachloroethane	6.57	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	7.14	300	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown	10.5	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	BNA	Unknown Acid	16.69	200	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Unknown	2.18	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Methylbenzene	2.89	800	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Trichloroethane	3.18	200	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Unknown	3.89	80	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Unknown	4.26	400	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Unknown Ketone	4.91	3000	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Unknown	5.07	80	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Unknown	5.34	80	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Unknown	6.29	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Unknown	6.35	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Tetrachloroethane	6.56	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Unknown	7.15	300	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	BNA	Unknown Acid	16.69	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	BNA	Unknown	2.67	200	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	BNA	Unknown Alcohol	2.76	200	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	BNA	Methylbenzene	2.88	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	BNA	Unknown	4.18	300	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	BNA	Unknown Ketone	4.83	2000	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	BNA	Tetrachloroethane	6.54	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	BNA	Unknown	7.13	300	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	BNA	Unknown Acid	16.68	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	BNA	Unknown	22.15	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	BNA	Unknown	23.74	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	BNA	Unknown	24.86	200	ug/kg
Charles Wood	AOC7	SB	CWA7-SB06-A03	Soil	BNA	Methylbenzene	2.92	600	ug/kg
Charles Wood	AOC7	SB	CWA7-SB06-A03	Soil	BNA	Unknown	4.26	300	ug/kg
Charles Wood	AOC7	SB	CWA7-SB06-A03	Soil	BNA	Unknown Ketone	4.91	3000	ug/kg
Charles Wood	AOC7	SB	CWA7-SB06-A03	Soil	BNA	Unknown	6.28	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB06-A03	Soil	BNA	Unknown	6.36	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB06-A03	Soil	BNA	Tetrachloroethane	6.56	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB06-A03	Soil	BNA	Unknown	7.13	300	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	AOC7	SB	CWA7-SB06-A03	Soil	BNA	Unknown Acid	16.67	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB06-A03	Soil	BNA	Unknown	22.14	80	ug/kg
Charles Wood	AOC7	SB	CWA7-SB06-A03	Soil	BNA	Unknown	23.74	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown	2.7	80	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Methylbenzene	2.88	600	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown	3	200	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Trichloroethane	3.15	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown	3.29	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown	3.86	90	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown	4.2	200	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown	4.29	3000	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown Ketone	4.96	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown	5.06	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown	5.35	80	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown	6.3	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown	6.36	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Tetrachloroethane	6.57	200	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown	7.12	300	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown Acid	16.7	200	ug/kg
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	BNA	Unknown Hydrocarbon	26.17	100	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	VOA	Tetrahydrofuran	15.26	6	ug/kg
Charles Wood	AOC7	SB	CWA7-SB01-A02	Soil	VOA	None			
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	VOA	Tetrahydrofuran	15.25	6	ug/kg
Charles Wood	AOC7	SB	CWA7-SB03-A02	Soil	VOA	Tetrahydrofuran	15.27	10	ug/kg
Charles Wood	AOC7	SB	CWA7-SB02-A02	Soil	VOA	Tetrahydrofuran	15.25	7	ug/kg
Charles Wood	AOC7	SB	CWA7-SB05-A02	Soil	VOA	Tetrahydrofuran	15.24	6	ug/kg
Charles Wood	AOC7	SB	CWA7-SB06-A03	Soil	VOA	None			
Charles Wood	AOC7	SB	CWA7-SB04-A02	Soil	VOA	None			
Charles Wood	AOC7	SB	CWA7-SB04-D02	Water	VOA	None			
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	VOA	None			
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	VOA	None			
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	VOA	None			
Charles Wood	BKGD	SB	B10-SB01-D02	Water	VOA	None			
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	VOA	None			
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	VOA	None			
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	VOA	None			

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	VOA	None			
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	VOA	Unknown	29.1	6	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	VOA	None			
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	2.71	400	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Toluene	2.78	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown Acid	4.13	300	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown Ketone	4.89	3000	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Oxabicycloheptane	5.08	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	6.44	80	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Tetrachloroethane	6.74	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	7.32	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	7.35	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	28.21	300	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Trimethyl 1,3-Dioxolane	1.96	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown Alcohol	2.4	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Toluene	2.64	300	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	3.6	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown Acid	3.95	400	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	3.97	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown Ketone	4.77	7000	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	6.36	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	6.55	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Tetrachloroethane	6.66	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	7.24	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	7.29	200	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	27.89	2000	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	27.9	2000	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A01	Soil	BNA	Unknown	27.91	400	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown	2.63	300	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Toluene	2.75	200	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown Acid	4.09	300	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown Ketone	4.86	3000	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown	5.07	200	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown	6.44	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Tetrachloroethane	6.73	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Hydrocarbon C14H30	14.68	90	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Hydrocarbon C15H32	15.96	80	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Propanoic Acid Ester	17.01	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown Hydrocarbon	26.48	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown Hydrocarbon	27.94	200	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Trimethyl 1,3-Dioxolane	1.98	200	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown Alcohol	2.43	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Toluene	2.66	500	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown	3.11	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown	3.61	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown	3.97	400	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown	3.99	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown Ketone	4.78	7000	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Oxabicycloheptane	4.98	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown	6.36	100	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown	6.44	80	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown	6.55	80	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Tetrachloroethane	6.67	90	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Unknown	7.23	80	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Dimethylfuranone	7.29	200	ug/kg
Charles Wood	BKGD	SB	B10-SB01-A02	Soil	BNA	Propanoic Acid Ester	16.96	200	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	2.5	400	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Toluene	2.71	200	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	3.17	80	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	3.68	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	4.01	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	4.06	80	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown Ketone	4.79	3000	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	5.03	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	6.41	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	6.49	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Tetrachloroethane	6.71	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Propanoic Acid Ester	17	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown Hydrocarbon	19.8	70	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown Hydrocarbon	26.47	90	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown Hydrocarbon	27.21	80	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown Hydrocarbon	27.92	100	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown Hydrocarbon	29.29	200	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown Hydrocarbon	30.94	80	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Toluene	2.67	500	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	3.11	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	3.61	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	3.86	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	3.97	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	3.99	400	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown Ketone	4.8	9000	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	4.98	90	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	6.36	200	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	6.42	70	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	6.44	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	6.55	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Tetrachloroethane	6.67	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Unknown	7.23	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A01	Soil	BNA	Propanoic Acid Ester	16.96	200	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	2.59	300	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Toluene	2.75	500	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	3.7	80	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown Acid	4.08	300	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown Ketone	4.83	3000	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	5.06	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	6.41	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	7.33	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Propanoic Acid Ester	17	200	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown Hydrocarbon	24.9	90	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown Hydrocarbon	26.47	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown Hydrocarbon	27.92	300	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	28	200	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	28.03	1000	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	28.04	300	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	28.05	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	28.06	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown Hydrocarbon	29.29	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	30.64	90	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Trimethyl 1,3-Dioxolane	2.02	200	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Toluene	2.69	400	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	3.13	80	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	3.64	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	4.03	90	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown Acid	4.04	400	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown Ketone	4.79	5000	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	6.37	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	6.45	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Tetrachloroethane	6.67	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	7.25	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	7.74	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	8.29	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Unknown	10.14	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Decamethylcyclopentasiloxane	10.78	100	ug/kg
Charles Wood	BKGD	SB	B8-SB01-A02	Soil	BNA	Propanoic Acid Ester	16.96	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	2.51	600	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Toluene	2.69	400	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	3.67	90	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	4.02	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown Ketone	4.79	4000	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	5.02	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	6.41	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown Hydrocarbon	6.49	90	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Tetrachloroethane	6.71	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	7.27	80	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	9.05	80	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Propanoic Acid Ester	17	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown Hydrocarbon	26.47	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown Hydrocarbon	27.92	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown Hydrocarbon	30.05	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	30.61	300	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown Alcohol	2.48	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Toluene	2.68	400	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	3.13	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	3.63	100	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	3.87	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	4.01	400	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown Ketone	4.77	4000	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	6.37	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	6.43	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	6.44	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Tetrachloroethane	6.67	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Unknown	7.24	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Propanoic Acid Ester	16.96	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Hexadecanoic Acid	20.98	300	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Hexadecanoic Acid	22.63	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A01	Soil	BNA	Octadecanoic Acid	22.85	90	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	2.49	300	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Toluene	2.7	300	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	3.67	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown Acid	4.02	300	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	4.02	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	4.05	80	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown Ketone	4.79	4000	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	6.41	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	6.49	90	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Tetrachloroethane	6.71	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	7.25	80	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Propanoic Acid Ester	17	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown Hydrocarbon	26.47	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown Hydrocarbon	27.92	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown Hydrocarbon	29.28	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	30.62	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown Hydrocarbon	30.94	90	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown Alcohol	2.54	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Toluene	2.66	500	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	3.12	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	3.63	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	3.88	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	4.02	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	4.03	400	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown Ketone	4.79	5000	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	4.99	90	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	6.367	200	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	6.43	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	6.44	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Tetrachloroethane	6.67	100	ug/kg
Charles Wood	BKGD	SB	B7-SB01-A02	Soil	BNA	Unknown	7.25	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	2.58	400	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Toluene	2.76	300	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	3.21	80	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	3.7	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	3.96	80	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown Acid	4.08	300	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown Ketone	4.83	4000	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	5.06	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	6.41	200	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	6.5	80	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Tetrachloroethane	6.71	90	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	7.27	90	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Propanoic Acid Ester	17	200	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Cinnamyl Cinnamate	25.14	700	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown Hydrocarbon	27.92	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	30.62	200	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Trimethyl 1,3-Dioxolane	1.98	200	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown Alcohol	2.5	90	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown Alcohol	2.51	300	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Toluene	2.67	300	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	3.12	90	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	3.62	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	3.86	80	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	3.99	200	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown Ketone	4.75	4000	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Oxabicycloheptane	4.98	90	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	6.37	200	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	6.44	90	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Tetrachloroethane	6.67	100	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Unknown	7.24	90	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A01	Soil	BNA	Cinnamyl Cinnamate	25.11	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	2.53	500	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Toluene	2.75	400	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown Hydrocarbon	3.2	90	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	3.71	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown Acid	4.05	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown Ketone	4.8	4000	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	5.05	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	6.42	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown Hydrocarbon	29.28	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown Hydrocarbon	27.92	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Cinnamyl Cinnamate	25.14	200	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Propanoic Acid Ester	17	200	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Tetrachloroethane	6.72	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	63.5	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	2.39	300	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Toluene	2.64	400	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	3.09	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	3.58	80	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown Acid	3.92	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown Ketone	4.73	8000	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	4.95	80	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	6.35	100	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	6.36	90	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	6.43	90	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Tetrachloroethane	6.66	200	ug/kg
Charles Wood	BKGD	SB	B6-SB01-A02	Soil	BNA	Unknown	7.29	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown	2.43	200	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Toluene	2.64	300	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown	3.1	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown	3.59	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown	3.84	80	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown	3.96	200	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown	3.98	90	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown Ketone	4.73	4000	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown	4.97	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown	6.35	200	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown	6.44	90	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Tetrachloroethane	6.66	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown	7.24	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	BNA	Unknown	16.95	300	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	4.43	500	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Toluene	4.48	300	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	4.88	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	5.53	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	5.93	600	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown Acid	6.34	200	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown Ketone	6.58	6000	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	6.73	200	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	7.53	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	7.94	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	8	200	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown Ketone	8.11	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Tetrachloroethane	8.2	300	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	8.43	90	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	8.75	300	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	9.01	200	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	10.01	600	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	BNA	Unknown	18.4	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	3.25	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Toluene	4.52	600	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown Acid	5.06	300	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	5.15	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	5.56	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	5.79	80	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown Ketone	5.9	200	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown Ketone	5.97	400	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown Ketone	6.61	5000	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	6.75	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	7.3	90	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	7.55	100	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	7.95	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	8	200	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Tetrachloroethane	8.21	300	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	8.75	300	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	9.02	200	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	9.19	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	10.02	500	ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	BNA	Unknown	18.4	100	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	VOA	Unknown Hydrocarbon	25.44	8	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A01	Soil	VOA	Tetrahydrofuran	15.38	800	ug/kg
Charles Wood	BKGD	SB	B9-SB01-A02	Soil	VOA	None			ug/kg
Charles Wood	BKGD	SB	B9-SB01-C02	Soil	VOA	None			ug/kg
Charles Wood	BKGD	SB	B9-SB01-E02	Water	VOA	None			ug/L
Charles Wood	BKGD	SB	B9-SB01-E02	Water	VOA	None			ug/L
Charles Wood	BKGD	SB	B9-SB01-D02	Water	VOA	None			ug/L
Charles Wood	BKGD	SB	B9-SB01-D02	Water	VOA	None			ug/L
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	VOA	None			
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	VOA	Unknown	15.21	7	ug/kg
Charles Wood	CW-1	SB	CW01-SB28-A02	Soil	VOA	None			
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	VOA	None			
Charles Wood	CW-1	SB	CW01-SB26-D02	Water	VOA	None			
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Methylbenzene	2.82	500	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown Hydrocarbon	3.82	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	4.04	90	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	4.21	500	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown Ketone	4.86	4000	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	5.02	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	5.28	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown Ketone	6.24	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	6.32	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Tetrachloroethane	6.53	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	7.08	300	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	10.72	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown Acid Ester	16.64	300	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	27.98	800	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	28.83	600	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	29.75	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	29.94	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	30.08	300	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	30.45	300	ug/kg
Charles Wood	CW-1	SB	CW01-SB29-A02	Soil	BNA	Unknown	30.61	300	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Methylbenzene	2.83	700	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Unknown Acid	3.24	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Unknown	3.81	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Unknown	4.16	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Unknown Acid Ester	4.22	300	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Unknown Ketone	4.87	4000	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Unknown	5.01	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Unknown	5.3	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Unknown	6.26	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Unknown	6.32	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Tetrachloroethane	6.54	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Unknown	7.09	300	ug/kg
Charles Wood	CW-1	SB	CW01-SB27-A02	Soil	BNA	Unknown	16.66	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB28-A02	Soil	BNA	Methylbenzene	2.84	600	ug/kg
Charles Wood	CW-1	SB	CW01-SB28-A02	Soil	BNA	Unknown	3.82	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB28-A02	Soil	BNA	Unknown	4.21	400	ug/kg
Charles Wood	CW-1	SB	CW01-SB28-A02	Soil	BNA	Unknown Ketone	4.86	4000	ug/kg
Charles Wood	CW-1	SB	CW01-SB28-A02	Soil	BNA	Unknown	5.02	90	ug/kg
Charles Wood	CW-1	SB	CW01-SB28-A02	Soil	BNA	Unknown	6.24	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB28-A02	Soil	BNA	Unknown	6.33	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB28-A02	Soil	BNA	Tetrachloroethane	6.53	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB28-A02	Soil	BNA	Unknown	7.1	300	ug/kg
Charles Wood	CW-1	SB	CW01-SB28-A02	Soil	BNA	Unknown Acid	16.66	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Unknown	2.79	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Methylbenzene	2.85	500	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Unknown Acid	3.24	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Unknown	3.83	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Unknown	4.23	400	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Unknown Ketone	4.89	4000	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Unknown	5.03	100	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Unknown	5.31	90	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Unknown	6.25	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Unknown	6.33	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Tetrachloroethane	6.53	200	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Unknown	7.1	300	ug/kg
Charles Wood	CW-1	SB	CW01-SB26-A02	Soil	BNA	Unknown Acid Ester	16.64	100	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	VOA	None			
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	VOA	Tetrahydrofuran	15.23	700	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	VOA	Tetrahydrofuran	12.21	8	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	VOA	Trichlorobenzene	25.48	6000	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	VOA	None			
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	VOA	Tetrahydrofuran	15.21	400	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	VOA	Unknown	26.11	500	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-D02	Water	VOA	None			
Charles Wood	CW-2	SB	CW02-SB31-E02	Water	VOA	None			
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Methylbenzene	1.89	400	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown	2.3	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown	2.97	700	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown Ketone	3.49	6000	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown	4.67	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown	4.72	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown	5.36	600	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown	6.47	700	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown Acid Ester	15.06	2000	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown	21.18	2000	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown Hydrocarbon	25.76	400	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown Hydrocarbon	27.64	1000	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown Hydrocarbon	29.39	1000	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown Hydrocarbon	29.54	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown Hydrocarbon	31.14	600	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown Alcohol	31.23	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown Hydrocarbon	31.34	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown Hydrocarbon	33.08	500	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown	33.19	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB32-A02	Soil	BNA	Unknown Hydrocarbon	33.32	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown Acid	1.51	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Methylbenzene	1.84	500	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown	2.25	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown	2.66	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown	2.93	1000	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown Ketone	3.46	6000	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown	3.65	100	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown Acid Ester	4.65	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown	4.8	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Tetrachloroethane	4.9	100	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown	5.34	500	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown	6.47	600	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Dibenzothiophene	17.42	100	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown PAH	19.22	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown PAH	19.3	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown	19.48	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown PAH	19.58	100	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown	20.15	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown PAH	23.09	100	ug/kg
Charles Wood	CW-2	SB	CW02-SB30-A02	Soil	BNA	Unknown	24.78	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown	2.49	400	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Methylbenzene	2.7	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown	4.08	400	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown Ketone	4.75	3000	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown	7.15	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown Hydrocarbon	18.03	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Sulfur, Mol.	21.86	7000	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown	25.41	1000	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown Hydrocarbon	26.23	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown Alcohol	26.96	3000	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown	27.47	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown Alcohol	27.64	2000	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown Hydrocarbon	27.68	400	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown Decanal	27.94	400	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown	28.4	2000	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown Ketone	28.5	400	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown Decenal	29.38	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown Hydrocarbon	29.85	500	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown	29.93	400	ug/kg
Charles Wood	CW-2	SB	CW02-SB31-A02	Soil	BNA	Unknown	31.28	400	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (2-4')	Soil	VOA	None			
Charles Wood	CW-2	SB	CW02-SB33-A02 (2-4')	Soil	VOA	None			
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	VOA	None			
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	VOA	None			
Charles Wood	CW-2	SB	CW02-SB33-D02	Soil	VOA	None			
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	2.26	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	2.67	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	2.95	1000	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	3.21	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown Ketone	3.47	7000	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	4.6	200	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	4.67	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	4.7	400	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	5.36	700	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	6.47	900	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	14.11	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown Acid	15.06	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown Pesticide	23.4	300	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown Hydrocarbon	27.64	1000	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown Hydrocarbon	29.39	2000	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown Hydrocarbon	31.14	1000	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Hydrocarbon + Unknown	33.08	600	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	33.21	1000	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	33.8	600	ug/kg
Charles Wood	CW-2	SB	CW02-SB33-A02 (7-9')	Soil	BNA	Unknown	34.16	600	ug/kg
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	BNA	Methylbenzene	2.88	600	ug/kg
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	BNA	Unknown	2.98	100	ug/kg
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	BNA	Unknown	4.25	400	ug/kg
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	BNA	Unknown Ketone	4.92	3000	ug/kg
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	BNA	Unknown	6.28	100	ug/kg
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	BNA	Unknown	6.34	100	ug/kg
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	BNA	Tetrachloroethane	6.55	100	ug/kg
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	BNA	Unknown	7.14	300	ug/kg
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	BNA	Unknown	21.87	300	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	BNA	Unknown	22.13	200	ug/kg
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	BNA	Substitute Carboxylic Acid	25.47	200	ug/kg
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	VOA	None			
Charles Wood	CW-4	SB	CW04-SB01-A02	Soil	VOA	Tetrahydrofuran	15.25	60	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	VOA	Isopropyl Alcohol	12.41	8	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	VOA	Tetrahydrofuran	15.26	8	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	VOA	Unknown	13.3	100	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	VOA	Tetrahydrofuran	15.25	7	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	VOA	None			
Charles Wood	CW-5	SB	CW05-SB01-D02	Water	VOA	None			
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Methylbenzene	2.89	700	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	4.11	80	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	4.24	500	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	4.52	100	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown Ketone	4.89	3000	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	6.29	100	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	6.35	100	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Tetrachloroethane	6.56	100	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	7.15	300	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown Acid	16.69	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Hexadecanoic Acid	20.68	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Substitute Octadecenoic Acid	22.23	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	25.36	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown Hydrocarbon	26.16	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	26.54	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	28.32	800	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	29.42	500	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	29.63	500	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown Hydrocarbon	29.77	600	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	31.89	800	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown Alcohol	2.83	500	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Methylbenzene	2.87	300	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	4.09	80	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	4.2	500	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	4.5	100	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown Ketone	4.87	3000	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	6.27	100	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	6.35	100	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Tetrachloroethane	6.56	100	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	7.13	300	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown Acid	16.67	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Hexadecanoic Acid	20.68	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Octadecenoic Acid	22.33	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	25.34	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	26.89	900	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	27.77	500	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	28.32	900	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	29.43	500	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown Hydrocarbon	29.77	600	ug/kg
Charles Wood	CW-5	SB	CW05-SB01-A02	Soil	BNA	Unknown	31.87	800	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Methylbenzene	2.91	700	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	3.16	90	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	3.38	90	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	3.89	90	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	4.23	400	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown Ketone	4.91	3000	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	5.33	80	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	6.29	100	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	6.35	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Tetrachloroethane	6.56	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	7.15	300	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown Acid	16.67	200	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown Hydrocarbon	22	300	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown Hydrocarbon	23.75	300	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown Hydrocarbon	25.38	500	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	26.89	1000	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	27.89	700	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown Hydrocarbon	28.31	1000	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	29.84	400	ug/kg
Charles Wood	CW-5	SB	CW05-SB02-A02	Soil	BNA	Unknown	31.86	1000	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	VOA	None			
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown	4.32	1000	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown Ketone	5.26	30000	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown	6.89	700	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown	7.21	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown	7.59	400	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown Hydrocarbon	8.58	600	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown	9.52	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown	9.75	1000	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown	14.27	100	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown Acid Ester	14.59	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown	15.39	100	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown	15.92	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown	18.48	1000	ug/kg
Charles Wood	CW-6	SB	CW06-SB02-A01	Soil	BNA	Unknown	18.55	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Methylbenzene	4.29	400	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown Acid Ester	5.71	400	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown Ketone	6.36	5000	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Tetrachloroethane	8.22	400	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown	8.74	400	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown	9.99	500	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Hexadecanoic Acid	22.23	400	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Hexadecanoic Acid	22.41	400	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Chlordane	23.91	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Chlordane + HSL	24.15	300	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Indene Ester	24.19	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown	26.61	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown	27.15	400	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown	28.69	700	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown Hydrocarbon	30.22	800	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown Hydrocarbon	32.27	600	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown	34.49	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown	34.61	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Unknown Hydrocarbon	35.2	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A01	Soil	BNA	Gamma Sitosterol	35.47	300	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A02	Soil	BNA	Methylbenzene	4.29	600	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A02	Soil	BNA	Unknown	5.45	200	ug/kg
Charles Wood	CW-6	SB	CW06-SB34-A02	Soil	BNA	Unknown Acid Ester	5.71	500	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-9	SB	CW09-SB01-A02	Soil	BNA	Unknown	30.57	800	ug/kg
Charles Wood	CW-9	SB	CW09-SB01-A02	Soil	VOA	None			
Charles Wood	CW-9	SB	CW09-SB01-A02	Soil	VOA	None			
Charles Wood	CW-9	SB	CW09-SB01-E02	Water	VOA	None			
Charles Wood	CW-9	SB	CW09-SB01-E02	Water	VOA	None			
Charles Wood	CW-9	SB	CW09-SB01-D02	Water	VOA	None			
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	VOA	None			
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	VOA	Unknown	26.16	20	ug/kg
Charles Wood	BKGD	SD	CW06-SD01-A01	Soil	VOA	None			
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown Diol	2.87	300	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Methylbenzene	3.02	400	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown	4.05	100	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown	4.28	100	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown	4.4	800	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown	4.71	200	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown Ketone	5.07	4000	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown	6.48	200	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown	6.54	200	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Tetrachloroethane	6.76	200	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown	7.31	400	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown	20.69	200	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Hexadecanoic Acid	20.88	200	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Sulfur, Mol.	21.92	400	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown	24	200	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown	25.56	200	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown Alcohol	27.09	500	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown	28.28	1000	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown Hydrocarbon	28.53	300	ug/kg
Charles Wood	BKGD	SD	CW02-SD01-A01	Soil	BNA	Unknown Hydrocarbon	30.05	200	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Diol	2.78	500	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Methylbenzene	2.98	600	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	4.36	1000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Ketone	5.04	6000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	7.3	500	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Acid	19.53	300	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Hexadecanoic Acid	20.74	1000	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Hexadecanoic Acid	20.95	1000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	22.59	2000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Octadecanoic Acid	22.79	500	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Hydrocarbon	25.62	800	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Hydrocarbon	27.12	1000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	28.12	500	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Hydrocarbon	28.55	5000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	29.59	500	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	29.75	500	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Hydrocarbon	30.08	2000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	30.27	600	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	31.61	900	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	32.37	3000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	2.76	300	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Methylbenzene	2.82	300	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	4.17	700	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Ketone	4.88	6000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	6.26	200	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	6.32	200	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	6.45	200	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Dione	7.12	300	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Acid	20.53	900	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Acid	20.73	1000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	22.37	900	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	22.41	700	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Hydrocarbon	26.92	2000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Hydrocarbon	28.33	7000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown Hydrocarbon	29.79	4000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	29.93	2000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	31.23	1000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Sitosterol Isomer	31.94	10000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown	32.19	1000	ug/kg
Charles Wood	BKGD	SD	CW05-SD01-A01	Soil	BNA	Unknown PAH	32.39	1000	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown	2.79	300	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Methylbenzene	3.01	500	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown	3.52	90	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown	4.37	400	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown Ketone	5.05	4000	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown	6.47	100	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown	6.53	100	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown	7.31	300	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown Acid Ester	13.88	100	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown Acid Ester	15.19	300	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown Acid Ester	16.88	100	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown Hydrocarbon	18.19	100	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown	20.21	200	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Hexadecanoic Acid	20.91	300	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Sulfur, Mol.	21.93	400	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown Hydrocarbon	27.12	200	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown Hydrocarbon	28.52	1000	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown	29.74	300	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown Hydrocarbon	30.07	300	ug/kg
Charles Wood	CW-5	SD	CW06-SD01-A01	Soil	BNA	Unknown	30.48	300	ug/kg
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	VOA	None			
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	BNA	Unknown	2.58	4000	ug/kg
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	BNA	Unknown Ketone	4.88	9000	ug/kg
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	BNA	Hexadecanoic Acid	20.89	2000	ug/kg
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	BNA	Unknown	22.22	2000	ug/kg
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	BNA	Unknown	25.55	2000	ug/kg
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	BNA	Unknown Hydrocarbon	27.12	4000	ug/kg
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	BNA	Unknown	28.11	8000	ug/kg
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	BNA	Unknown Alcohol	28.54	30000	ug/kg
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	BNA	Unknown	29.57	2000	ug/kg
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	BNA	Unknown Hydrocarbon	30.07	7000	ug/kg
Charles Wood	CW-6	SS	CW06-SS01-A01	Soil	BNA	Unknown	32.31	6000	ug/kg
Charles Wood	CW-9	SS	CW09-SS01-D01	Water	VOA	None			
Charles Wood	CW-9	SS	CW09-SS01-E01	Water	VOA	None			
Charles Wood	BKGD	SW	CW02-SW01-A01	Water	VOA	None			
Charles Wood	BKGD	SW	CW05-SW01-A01	Water	VOA	None			
Charles Wood	BKGD	SW	CW02-SW01-A01	Water	BNA	Unknown	3.78	10	ug/L
Charles Wood	BKGD	SW	CW02-SW01-A01	Water	BNA	Unknown Alcohol	6.1	60	ug/L
Charles Wood	BKGD	SW	CW05-SW01-A01	Water	BNA	None			

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	BKGD	MW	B1-MW01B-A01	Water	BNA	Unknown Ketone	6.23	4	ug/L
Main Post	BKGD	MW	B2-MW02B-A01	Water	VOA	None			
Main Post	BKGD	MW	B2-MW02B-A01	Water	BNA	Unknown Ketone	6.24	4	ug/L
Main Post	BKGD	MW	B2-MW02B-A01	Water	BNA	Sulfur, Mol.	23.54	2	ug/L
Main Post	BKGD	MW	B3-MW03B-A01	Water	VOA	None			
Main Post	BKGD	MW	B3-MW03B-E01	Water	VOA	None			
Main Post	BKGD	MW	B3-MW03B-A01	Water	BNA	Unknown Ketone	6.24	8	ug/L
Main Post	BKGD	MW	B3-MW03B-A01	Water	BNA	Unknown	11.35	2	ug/L
Main Post	BKGD	MW	B3-MW03B-A01	Water	BNA	None			
Main Post	BKGD	MW	B3-MW03B-E01	Water	BNA	Unknown	4.79	5	ug/L
Main Post	BKGD	MW	B3-MW03B-E01	Water	BNA	Unknown Ketone	6.23	3	ug/L
Main Post	BKGD	MW	B4-MW04B-A01	Water	VOA	None			
Main Post	BKGD	MW	B4-MW04B-A01	Water	BNA	Unknown Ketone	6.23	6	ug/L
Main Post	BKGD	MW	B5-MW05B-A01	Water	VOA	None			
Main Post	BKGD	MW	B5-MW05B-A01	Water	BNA	Unknown Ketone	6.23	3	ug/L
Main Post	BKGD	MW	B5-MW05B-A01	Water	BNA	Unknown	11.36	2	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Unknown	10.42	4	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Unknown Acid	12.12	20	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Substitute Phenol	17.49	2	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Substitute Carboxylic Acid	22.45	3	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Mol. Sulfur	23.72	2	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Octadecanoic Acid	24.35	2	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Unknown Hydrocarbon	27.21	2	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Unknown Hydrocarbon	27.99	3	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Unknown Hydrocarbon	28.73	3	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Unknown Hydrocarbon	29.46	4	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Unknown Hydrocarbon	30.29	3	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	BNA	Unknown Hydrocarbon	31.24	4	ug/L
Main Post	BKGD	MW	B3-MW03B-A02	Water	VOA	None			
Main Post	BKGD	MW	B5-MW05B-A02	Water	VOA	None			
Main Post	BKGD	MW	B3-MW03B-D02	Water	VOA	None			
Main Post	BKGD	MW	B3-MW03B-E02	Water	VOA	None			
Main Post	BKGD	MW	B1-MW01B-A02	Water	VOA	None			
Main Post	BKGD	MW	B2-MW02B-A02	Water	VOA	None			
Main Post	BKGD	MW	B4-MW04B-A02	Water	VOA	None			
Main Post	BKGD	MW	B5-MW05B-A02	Water	BNA	Unknown Ketone	6.41	4	ug/L

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	BKGD	MW	B3-MW03B-E02	Water	BNA	Unknown	4.79	7	ug/L
Main Post	BKGD	MW	B3-MW03B-E02	Water	BNA	Unknown	6.39	3	ug/L
Main Post	BKGD	MW	B1-MW01B-A02	Water	BNA	Unknown	6.42	5	ug/L
Main Post	BKGD	MW	B2-MW02B-A02	Water	BNA	Unknown Ketone	5.69	4	ug/L
Main Post	BKGD	MW	B2-MW02B-A02	Water	BNA	Triphenyl-Phosphine	26.84	3	ug/L
Main Post	BKGD	MW	B4-MW04B-A02	Water	BNA	Hexadecanoic Acid Ester	24.7	3	ug/L
Main Post	BKGD	MW	B4-MW04B-A02	Water	BNA	Octadecanoic Acid Ester	26.43	3	ug/L
Main Post	BKGD	MW	B1-MW01B-A01	Water	VOA	None			
Main Post	BKGD	MW	B3-MW03B-D01	Water	VOA	None			
Main Post	M-12	MW	MP12-MW16-A01	Water	VOA	None			
Main Post	M-12	MW	MP12-MW17-A01	Water	VOA	None			
Main Post	M-12	MW	MP12-MW18-A01	Water	VOA	None			
Main Post	M-12	MW	MP12-MW16-A01	Water	BNA	Unknown Ketone	6.09	3	ug/L
Main Post	M-12	MW	MP12-MW16-A01	Water	BNA	Hydrocarbon C14H30	15.81	2	ug/L
Main Post	M-12	MW	MP12-MW16-A01	Water	BNA	Hydrocarbon C15H32	17.09	3	ug/L
Main Post	M-12	MW	MP12-MW17-A01	Water	BNA	Hydrocarbon C15H32	17.09	4	ug/L
Main Post	M-12	MW	MP12-MW17-A01	Water	BNA	Unknown	17.49	4	ug/L
Main Post	M-12	MW	MP12-MW17-A01	Water	BNA	Unknown	20.81	4	ug/L
Main Post	M-12	MW	MP12-MW17-A01	Water	BNA	Molecular Sulfur	23.44	40	ug/L
Main Post	M-12	MW	MP12-MW17-A01	Water	BNA	Unknown Ketone	6.55	2	ug/L
Main Post	M-12	MW	MP12-MW17-A01	Water	BNA	Cyclohexanone	7.77	2	ug/L
Main Post	M-12	MW	MP12-MW17-A01	Water	BNA	Molecular Sulfur	23.67	20	ug/L
Main Post	M-12	MW	MP12-MW18-A01	Water	BNA	Unknown Ketone	6.09	3	ug/L
Main Post	M-12	MW	MP12-MW16-A02	Water	BNA	Unknown	24.58	3	ug/L
Main Post	M-12	MW	MP12-MW16-A02	Water	BNA	Unknown	26.29	2	ug/L
Main Post	M-12	MW	MP12-MW17-A02	Water	BNA	Molecular Sulfur	22.36	10	ug/L
Main Post	M-12	MW	MP12-MW18-A02	Water	BNA	None			
Main Post	M-12	MW	MP12-MW16-A02	Water	VOA	None			
Main Post	M-12	MW	MP12-MW17-A02	Water	VOA	None			
Main Post	M-12	MW	MP12-MW18-A02	Water	VOA	None			
Main Post	M-14	MW	MP14-MW20-D02	Water	VOA	None			
Main Post	M-14	MW	MP14-MW20-A01	Water	VOA	None			
Main Post	M-14	MW	MP14-MW21-A01	Water	VOA	None			
Main Post	M-14	MW	MP14-MW20-A01	Water	BNA	Toluene	3.11	2	ug/L
Main Post	M-14	MW	MP14-MW20-A01	Water	BNA	Unknown Keone	5.13	10	ug/L
Main Post	M-14	MW	MP14-MW21-A01	Water	BNA	Toluene	3.29	3	ug/L

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-14	MW	MP14-MW21-A01	Water	BNA	Unknown Ketone	5.27	4	ug/L
Main Post	M-14	MW	MP14-MW21-A01	Water	BNA	Toulene	3.1	2	ug/L
Main Post	M-14	MW	MP14-MW21-A01	Water	BNA	Unknown Ketone	5.13	4	ug/L
Main Post	M-14	MW	MP14-MW19-A01	Water	VOA	None			
Main Post	M-14	MW	MP14-MW19-A01	Water	BNA	Unknown	17.49	2	ug/L
Main Post	M-14	MW	MP14-MW19-A01	Water	BNA	Molecular Sulfur	23.43	20	ug/L
Main Post	M-14	MW	MP14-MW21-A01	Water	BNA	None			
Main Post	M-14	MW	MP14-MW21-A01	Water	VOA	None			
Main Post	M-14	MW	MP14-MW20-A02	Water	VOA	None			
Main Post	M-14	MW	MP14-MW20-E02	Water	VOA	None			
Main Post	M-14	MW	MP14-MW19-A02	Water	BNA	Unknown	6.42	2	ug/L
Main Post	M-14	MW	MP14-MW19-A02	Water	BNA	Molecular Sulfur	23.82	3	ug/L
Main Post	M-14	MW	MP14-MW19-A02	Water	VOA	None			
Main Post	M-14	MW	MP14-MW20-A02	Water	BNA	Unknown	26.89	8	ug/L
Main Post	M-14	MW	MP14-MW20-A02	Water	BNA	Unknown	28.18	20	ug/L
Main Post	M-14	MW	MP14-MW20-E02	Water	BNA	None			
Main Post	M-16	MW	MP16-MW22-A01	Water	VOA	None			
Main Post	M-16	MW	MP16-MW22-A01	Water	BNA	Unknown Ketone	6.38	4	ug/L
Main Post	M-16	MW	MP16-MW22-A01	Water	BNA	Unknown	20	70	ug/L
Main Post	M-16	MW	MP16-MW22-A01	Water	BNA	Unknown	22.48	9	ug/L
Main Post	M-16	MW	MP16-MW22-A02	Water	BNA	Unknown Ketone	5.89	2	ug/L
Main Post	M-16	MW	MP16-MW22-A02	Water	BNA	Dodecanoic Acid	17.73	6	ug/L
Main Post	M-16	MW	MP16-MW22-A02	Water	BNA	Unknown	19.59	70	ug/L
Main Post	M-16	MW	MP16-MW22-A02	Water	BNA	Unknown	22.04	10	ug/L
Main Post	M-16	MW	MP16-MW22-A02	Water	VOA	None			
Main Post	M-18	MW	MP18-MW03-A01	Water	BNA	Unknown Acid Ester	14.59	2	ug/L
Main Post	M-18	MW	MP18-MW03-A01	Water	BNA	Unknown Hydrocarbon	14.91	3	ug/L
Main Post	M-18	MW	MP18-MW03-A01	Water	BNA	None			
Main Post	M-18	MW	MP18-MW03-E01	Water	BNA	Unknown	3.44	10	ug/L
Main Post	M-18	MW	MP18-MW03-A01	Water	VOA	None			
Main Post	M-18	MW	MP18-MW03-D01	Water	VOA	None			
Main Post	M-18	MW	MP18-MW03-E01	Water	VOA	None			
Main Post	M-18	MW	MP18-MW03-A02	Water	VOA	None			
Main Post	M-18	MW	MP18-MW03-A02	Water	BNA	Propanoic Acid	14.36	4	ug/L
Main Post	M-18	MW	MP18-MW03-A02	Water	BNA	Hydrocarbon C14H30	14.69	2	ug/L
Main Post	M-18	MW	MP18-MW03-A02	Water	BNA	Hydrocarbon C15H32	15.97	3	ug/L

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-18	MW	MP18-MW03-A02	Water	BNA	Unknown Acid Ester	17.01	20	ug/L
Main Post	M-18	MW	MP18-MW24-A01	Water	VOA	None			
Main Post	M-18	MW	MP18-MW24-D01	Water	VOA	None			
Main Post	M-18	MW	MP18-MW24-E01	Water	VOA	None			
Main Post	M-18	MW	MP18-MW25-A01	Water	VOA	None			
Main Post	M-18	MW	MP18-MW25-C01	Water	VOA	None			
Main Post	M-18	MW	MP18-MW24-A01	Water	BNA	Unknown	5.46	2	ug/L
Main Post	M-18	MW	MP18-MW24-A01	Water	BNA	Unknown Ketone	6.17	2	ug/L
Main Post	M-18	MW	MP18-MW24-A01	Water	BNA	Unknown Hydrocarbon	12.12	4	ug/L
Main Post	M-18	MW	MP18-MW24-A01	Water	BNA	Unknown	13.09	4	ug/L
Main Post	M-18	MW	MP18-MW24-E01	Water	BNA	Unknown	4.64	4	ug/L
Main Post	M-18	MW	MP18-MW25-A01	Water	BNA	Unknown Ketone	6.4	7	ug/L
Main Post	M-18	MW	MP18-MW25-A01	Water	BNA	Unknown	10.44	20	ug/L
Main Post	M-18	MW	MP18-MW25-A01	Water	BNA	Benzoic Acid	14.54	20	ug/L
Main Post	M-18	MW	MP18-MW25-A01	Water	BNA	Substitute Benzene	16.08	5	ug/L
Main Post	M-18	MW	MP18-MW25-A01	Water	BNA	Substitute Benzene	18.25	2	ug/L
Main Post	M-18	MW	MP18-MW25-A01	Water	BNA	Unknown	22.78	6	ug/L
Main Post	M-18	MW	MP18-MW25-A01	Water	BNA	Unknown	24.34	5	ug/L
Main Post	M-18	MW	MP18-MW25-A01	Water	BNA	Unknown	27.64	7	ug/L
Main Post	M-18	MW	MP18-MW25-C01	Water	BNA	Unknown	10.44	40	ug/L
Main Post	M-18	MW	MP18-MW25-C01	Water	BNA	Hexanoic Acid Ester	12.18	30	ug/L
Main Post	M-18	MW	MP18-MW25-C01	Water	BNA	Benzoic Acid Ester	14.52	20	ug/L
Main Post	M-18	MW	MP18-MW25-C01	Water	BNA	Substitute Benzene	16.07	6	ug/L
Main Post	M-18	MW	MP18-MW25-C01	Water	BNA	Substitute Benzene	18.23	2	ug/L
Main Post	M-18	MW	MP18-MW25-C01	Water	BNA	Unknown	21.86	5	ug/L
Main Post	M-18	MW	MP18-MW25-C01	Water	BNA	Unknown	22.77	6	ug/L
Main Post	M-18	MW	MP18-MW25-C01	Water	BNA	Unknown	27.63	5	ug/L
Main Post	M-18	MW	MP18-MW24-A02	Water	BNA	Unknown	13.5	3	ug/L
Main Post	M-18	MW	MP18-MW24-A02	Water	BNA	Unknown	14.36	9	ug/L
Main Post	M-18	MW	MP18-MW24-A02	Water	BNA	Unknown	14.65	2	ug/L
Main Post	M-18	MW	MP18-MW24-A02	Water	BNA	Unknown	16.46	5	ug/L
Main Post	M-18	MW	MP18-MW24-A02	Water	BNA	Substitute Phenol	17.81	3	ug/L
Main Post	M-18	MW	MP18-MW24-A02	Water	BNA	Dodecanoic Acid	18.17	4	ug/L
Main Post	M-18	MW	MP18-MW24-A02	Water	BNA	Unknown	18.92	3	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Aminocaproic Acid	14.36	8	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Octenoic Acid Ester	14.61	6	ug/L

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Bezenacetic Acid Ester	15.52	6	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Unknown	16.2	4	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Unknown	16.53	5	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Substitute Methylbenzene	16.78	3	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Unknown	17.87	3	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Unknown	19.04	3	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Cyclohexane	13.51	3	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Aminocaproic Acid	14.37	7	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Unknown	16.29	2	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Unknown	16.47	4	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Substitute Methylbenzene	16.97	3	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Unknown	17.81	3	ug/L
Main Post	M-18	MW	MP18-MW24-C02	Water	BNA	Unknown	26.8	2	ug/L
Main Post	M-18	MW	MP18-MW24-E02	Water	BNA	Unknown	4.84	7	ug/L
Main Post	M-18	MW	MP18-MW24-E02	Water	BNA	Unknown	4.75	6	ug/L
Main Post	M-18	MW	MP18-MW25-A02	Water	BNA	Unknown	10.4	20	ug/L
Main Post	M-18	MW	MP18-MW25-A02	Water	BNA	Unknown	11.51	5	ug/L
Main Post	M-18	MW	MP18-MW25-A02	Water	BNA	Hexanoic Acid Ester	12.01	6	ug/L
Main Post	M-18	MW	MP18-MW25-A02	Water	BNA	Substitute Benzoic Acid	14.3	4	ug/L
Main Post	M-18	MW	MP18-MW25-A02	Water	BNA	Substitute Methylbenzene	16.01	7	ug/L
Main Post	M-18	MW	MP18-MW25-A02	Water	BNA	Unknown	17.18	3	ug/L
Main Post	M-18	MW	MP18-MW25-A02	Water	BNA	Unknown	18.91	4	ug/L
Main Post	M-18	MW	MP18-MW25-A02	Water	BNA	Unknown	24.19	4	ug/L
Main Post	M-18	MW	MP18-MW25-A02	Water	BNA	Unknown	24.27	6	ug/L
Main Post	M-18	MW	MP18-MW24-A02	Water	VOA	None			
Main Post	M-18	MW	MP18-MW24-C02	Water	VOA	None			
Main Post	M-18	MW	MP18-MW24-D02	Water	VOA	None			
Main Post	M-18	MW	MP18-MW24-E02	Water	VOA	None			
Main Post	M-18	MW	MP18-MW25-A02	Water	VOA	None			
Main Post	M-2	MW	MP02-MW01-A01	Water	VOA	None			
Main Post	M-2	MW	MP02-MW02-A01	Water	VOA	Trimethylbenzene	30.13	10	ug/L
Main Post	M-2	MW	MP02-MW03-A01	Water	VOA	None			
Main Post	M-2	MW	MP02-MW01-A01	Water	BNA	Unknown Ketone	6.25	5	ug/L
Main Post	M-2	MW	MP02-MW01-A01	Water	BNA	Unknown	11.34	3	ug/L
Main Post	M-2	MW	MP02-MW01-A01	Water	BNA	Unknown	25.84	10	ug/L
Main Post	M-2	MW	MP02-MW01-A01	Water	BNA	Stigmastenone	27.17	9	ug/L

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-2	MW	MP02-MW01-A01	Water	BNA	Unknown	29.28	10	ug/L
Main Post	M-2	MW	MP02-MW01-A01	Water	BNA	Unknown	29.71		ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Unknown Ketone	6.25	3	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Substitute Benzene	8.79	2	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Substitute Benzene	9.62	20	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Substitute Benzene	10.39	3	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Substitute Benzene	11.17	2	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Substitute Benzene	11.36	4	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Substitute Benzene	11.83	2	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Substitute Benzene	11.88	2	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Unknown	12.24	2	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Substitute Benzene	12.4	3	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Phosphoric Acid Ester	18.97	5	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Unknown	19.15	3	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Benzothiazolone	19.43	6	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Unknown	19.86	3	ug/L
Main Post	M-2	MW	MP02-MW02-A01	Water	BNA	Phosphoric Acid Ester	26.27	3	ug/L
Main Post	M-2	MW	MP02-MW03-A01	Water	BNA	Unknown Ketone	6.24	6	ug/L
Main Post	M-2	MW	MP02-MW03-A01	Water	BNA	Unknown	11.35	3	ug/L
Main Post	M-2	MW	MP02-MW01-A02	Water	BNA	None			
Main Post	M-2	MW	MP02-MW02-A02	Water	BNA	None			
Main Post	M-2	MW	MP02-MW03-A02	Water	BNA	None			
Main Post	M-2	MW	MP02-MW01-A02	Water	VOA	Trimethylbenzene	23.039	20	ug/L
Main Post	M-2	MW	MP02-MW02-A02	Water	VOA	Trimethylbenzene	23.125	20	ug/L
Main Post	M-2	MW	MP02-MW03-A02	Water	VOA	None			
Main Post	M-3	MW	MP03-MW04-A01	Water	VOA	None			
Main Post	M-3	MW	MP03-MW05-A01	Water	VOA	Unknown Aromatic Hydrocarbon	24.39	10	ug/L
Main Post	M-3	MW	MP03-MW05-A01	Water	VOA	Substitute Benzene C10H14	25.38	6	ug/L
Main Post	M-3	MW	MP03-MW05-A01	Water	VOA	Unknown Aromatic Hydrocarbon	25.61	6	ug/L
Main Post	M-3	MW	MP03-MW05-A01	Water	VOA	Unknown Aromatic Hydrocarbon	27.45	8	ug/L
Main Post	M-3	MW	MP03-MW06-A01	Water	VOA	Unknown Aromatic Hydrocarbon	24.37	20	ug/L
Main Post	M-3	MW	MP03-MW06-A01	Water	VOA	Unknown Aromatic Hydrocarbon	25.6	10	ug/L
Main Post	M-3	MW	MP03-MW04-A01	Water	BNA	Unknown Ketone	5.81	4	ug/L
Main Post	M-3	MW	MP03-MW05-A01	Water	BNA	Substitute Benzene	9.94	6	ug/L
Main Post	M-3	MW	MP03-MW05-A01	Water	BNA	Diethylbenzene	10.37	2	ug/L
Main Post	M-3	MW	MP03-MW05-A01	Water	BNA	Substitute Ethylbenzene	11.97	3	ug/L

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-3	MW	MP03-MW05-A01	Water	BNA	Propanedioic Acid	13.76	5	ug/L
Main Post	M-3	MW	MP03-MW05-A01	Water	BNA	Substitute Phenol	14.15	2	ug/L
Main Post	M-3	MW	MP03-MW05-A01	Water	BNA	1-Methylnaphthalene	14.44	2	ug/L
Main Post	M-3	MW	MP03-MW05-A01	Water	BNA	Unknown	18.75	5	ug/L
Main Post	M-3	MW	MP03-MW05-A01	Water	BNA	Carbamic Acid Ester	19.47	4	ug/L
Main Post	M-3	MW	MP03-MW05-A01	Water	BNA	Unknown Hydrocarbon	25.82	4	ug/L
Main Post	M-3	MW	MP03-MW06-A01	Water	BNA	Unknown Ketone	5.76	2	ug/L
Main Post	M-3	MW	MP03-MW06-A01	Water	BNA	Substitute Benzene	9.94	10	ug/L
Main Post	M-3	MW	MP03-MW06-A01	Water	BNA	Diethylbenzene	10.37	2	ug/L
Main Post	M-3	MW	MP03-MW06-A01	Water	BNA	Dimethyl Benzoic Acid	15.05	4	ug/L
Main Post	M-3	MW	MP03-MW06-A02	Water	BNA	Unknown Hydrocarbon	10.09	9	ug/L
Main Post	M-3	MW	MP03-MW06-A02	Water	BNA	Dimethylbenzoic Acid	15.03	3	ug/L
Main Post	M-3	MW	MP03-MW06-A02	Water	BNA	Unknown	28.63	5	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown Hydrocarbon	6.59	2	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown	7.04	3	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown Hydrocarbon	10.1	5	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown Hydrocarbon	11.07	2	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown Hydrocarbon	12.1	4	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown	18.84	4	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown	19.54	3	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Molecular Sulfur	23.18	3	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown Hydrocarbon	25.96	4	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown Hydrocarbon	26.76	4	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown Hydrocarbon	27.52	3	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown Hydrocarbon	28.27	3	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	BNA	Unknown Hydrocarbon	28.98	3	ug/L
Main Post	M-3	MW	MP03-MW06-A02	Water	VOA	Unknown Aromatic HC	24.346	20	ug/L
Main Post	M-3	MW	MP03-MW06-A02	Water	VOA	Unknown Aromatic HC	25.565	10	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	VOA	Unknown Aromatic HC	24.401	10	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	VOA	Substitute Benzene C10H14	25.382	7	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	VOA	Unknown Aromatic HC	25.63	6	ug/L
Main Post	M-3	MW	MP03-MW05-A02	Water	VOA	Substitute Benzene C10H14	27.444	7	ug/L
Main Post	M-3	MW	MP03-MW04-A02	Water	BNA	None			
Main Post	M-3	MW	MP03-MW04-A02	Water	VOA	None			
Main Post	M-4	MW	MP04-MW07-A01	Water	VOA	None			
Main Post	M-4	MW	MP04-MW07-C01	Water	VOA	None			

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-4	MW	MP04-MW07-D01	Water	VOA	None			
Main Post	M-4	MW	MP04-MW07-E01	Water	VOA	None			
Main Post	M-4	MW	MP04-MW08-A01	Water	VOA	None			
Main Post	M-4	MW	MP04-MW09-A01	Water	VOA	None			
Main Post	M-4	MW	MP04-MW07-A01	Water	BNA	None			
Main Post	M-4	MW	MP04-MW07-C01	Water	BNA	Unknown Ketone	6.16	2	ug/L
Main Post	M-4	MW	MP04-MW07-E01	Water	BNA	Unknown	4.74	6	ug/L
Main Post	M-4	MW	MP04-MW07-E01	Water	BNA	Unknown Ketone	6.15	5	ug/L
Main Post	M-4	MW	MP04-MW08-A01	Water	BNA	Unknown Ketone	5.63	5	ug/L
Main Post	M-4	MW	MP04-MW09-A01	Water	BNA	Unknown Ketone	5.6	4	ug/L
Main Post	M-4	MW	MP04-MW07-A02	Water	BNA	None			
Main Post	M-4	MW	MP04-MW07-C02	Water	BNA	None			
Main Post	M-4	MW	MP04-MW09-A02	Water	BNA	None			
Main Post	M-4	MW	MP04-MW07-A02	Water	VOA	None			
Main Post	M-4	MW	MP04-MW07-C02	Water	VOA	None			
Main Post	M-4	MW	MP04-MW09-A02	Water	VOA	None			
Main Post	M-4	MW	MP04-MW08-A02	Water	BNA	None			
Main Post	M-4	MW	MP04-MW08-A02	Water	VOA	None			
Main Post	M-5	MW	MP05-MW10-A01	Water	VOA	None			
Main Post	M-5	MW	MP05-MW11-A01	Water	VOA	None			
Main Post	M-5	MW	MP05-MW10-A01	Water	BNA	Unknown	6.16	4	ug/L
Main Post	M-5	MW	MP05-MW11-A01	Water	BNA	Tetrachloroethylene	4.85	30	ug/L
Main Post	M-5	MW	MP05-MW11-A01	Water	BNA	Unknown Ketone	5.9	5	ug/L
Main Post	M-5	MW	MP05-MW10-A02	Water	BNA	Triphenylphosphine Oxide	27	8	ug/L
Main Post	M-5	MW	MP05-MW11-A02	Water	BNA	Tetrachloroethylene	4.87	30	ug/L
Main Post	M-5	MW	MP05-MW11-A02	Water	BNA	Triphenylphosphine Oxide	26.99	7	ug/L
Main Post	M-5	MW	MP05-MW11-E02	Water	BNA	Unknown	4.29	5	ug/L
Main Post	M-5	MW	MP05-MW11-E02	Water	BNA	Triphenylphosphine Oxide	27	4	ug/L
Main Post	M-5	MW	MP05-MW10-A02	Water	VOA	None			
Main Post	M-5	MW	MP05-MW11-A02	Water	VOA	None			
Main Post	M-5	MW	MP05-MW11-D02	Water	VOA	None			
Main Post	M-5	MW	MP05-MW11-E02	Water	VOA	None			
Main Post	M-8	MW	MP08-MW14-A01	Water	VOA	None			
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	5.41	3	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	10.13	3	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	10.97	2	ug/L

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	11.68	2	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	11.8	4	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	11.93	2	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	12.44	9	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Diethyltoluamide	17.57	30	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	17.89	20	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	18.13	7	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	18.39	6	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	18.54	20	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	19.25	8	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	22.72	6	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	23.41	8	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown	23.72	5	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown Acid Ester	25.44	4	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown Hydrocarbon	25.55	2	ug/L
Main Post	M-8	MW	MP08-MW14-A01	Water	BNA	Unknown Hydrocarbon	27.11	2	ug/L
Main Post	M-8	MW	MP08-MW12-A02	Water	BNA	Tetrachloroethylene	4.69	20	ug/L
Main Post	M-8	MW	MP08-MW12-C02	Water	BNA	Tetrachloroethylene	4.72	20	ug/L
Main Post	M-8	MW	MP08-MW12-C02	Water	BNA	Unknown Ketone	5.73	2	ug/L
Main Post	M-8	MW	MP08-MW12-E02	Water	BNA	Formamide	4.06	10	ug/L
Main Post	M-8	MW	MP08-MW13-A02	Water	BNA	None			
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown Hydrocarbon (C9H12)	9.18	4	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown Hydrocarbon	9.95	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Substitute Benzene	11.97	2	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	12.09	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	12.64	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown Hydrocarbon	12.94	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Substitute Phenol	14.12	2	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Diethyltoluamide	17.75	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Diethyltoluamide	17.83	20	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	18.08	20	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	18.35	7	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	18.38	4	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	18.62	9	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	18.77	20	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Benzothiazolone	19.09	5	ug/L

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	19.47	8	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	22.71	5	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Mol. Sulfur	23.02	9	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Oleic Acid	23.59	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	23.67	9	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Substitute Benzene	9.66	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown Hydrocarbon (C9H10)	10.45	4	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	11.74	2	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	12.58	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	13.09	4	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	13.34	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Substitute Phenol	14.58	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	15.41	4	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown Acid Ester	15.71	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown Hydrocarbon	16	9	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown Hydrocarbon	17.29	6	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Diethyltoluamide	18.31	40	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Phthalanzinone	18.56	30	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	18.9	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	19.28	20	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Benzothiazolone	19.58	10	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Benzenesulfonamide	19.98	10	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	23.27	4	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Mol. Sufur	23.6	3	ug/L
Main Post	M-8	MW	MP08-MW14-A02	Water	BNA	Unknown	24.16	6	ug/L
Main Post	M-8	MW	MP08-MW15-A02	Water	BNA	Unknown Hydrocarbon (C9H10)	9.95	10	ug/L
Main Post	M-8	MW	MP08-MW15-A02	Water	BNA	Substitute Phenol	14.1	6	ug/L
Main Post	M-8	MW	MP08-MW15-A02	Water	BNA	Diethyltoluamide	17.78	5	ug/L
Main Post	M-8	MW	MP08-MW15-A02	Water	BNA	Unknown	18.72	7	ug/L
Main Post	M-8	MW	MP08-MW15-A02	Water	BNA	Benzothiazolone	19.01	6	ug/L
Main Post	M-8	MW	MP08-MW15-A02	Water	BNA	Unknown	19.42	5	ug/L
Main Post	M-8	MW	MP08-MW15-A02	Water	BNA	Mol. Sulfur	23.01	4	ug/L
Main Post	M-8	MW	MP08-MW15-A02	Water	BNA	Unknown Acid Ester	23.66	40	ug/L
Main Post	M-8	MW	MP08-MW15-A02	Water	BNA	Unknown	25.84	6	ug/L
Main Post	M-8	MW	MP08-MW12-A02	Water	VOA	None			
Main Post	M-8	MW	MP08-MW12-C02	Water	VOA	None			

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-8	MW	MP08-MW12-D02	Water	VOA	None			
Main Post	M-8	MW	MP08-MW12-E02	Water	VOA	None			
Main Post	M-8	MW	MP08-MW13-A02	Water	VOA	None			
Main Post	M-8	MW	MP08-MW14-A02	Water	VOA	Dichlorobenzene	28.39	5	ug/L
Main Post	M-8	MW	MP08-MW15-A02	Water	VOA	Dichlorobenzene	28.38	5	ug/L
Main Post	M-8	MW	MP08-MW15-A02	Water	VOA	Unknown	28.99	10	ug/L
Main Post	M-8	MW	MP08-MW13-A01	Water	VOA	None			
Main Post	M-8	MW	MP08-MW15-A01	Water	VOA	Alkyl Subst Aromatic C9H10	24.35	10	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	VOA	Alkyl Subst Aromatic C9H10	24.39	10	ug/L
Main Post	M-8	MW	MP08-MW15-D01	Water	VOA	None			
Main Post	M-8	MW	MP08-MW15-E01	Water	VOA	None			
Main Post	M-8	MW	MP08-MW13-A01	Water	BNA	Toluene	3.25	3	ug/L
Main Post	M-8	MW	MP08-MW13-A01	Water	BNA	Unknown Ketone	5.23	6	ug/L
Main Post	M-8	MW	MP08-MW13-A01	Water	BNA	Benzenedicarboxylic Acid	27.77	3	ug/L
Main Post	M-8	MW	MP08-MW13-A01	Water	BNA	Unknown	28.45	5	ug/L
Main Post	M-8	MW	MP08-MW13-A01	Water	BNA	Toluene	3.06	3	ug/L
Main Post	M-8	MW	MP08-MW13-A01	Water	BNA	Unknown Ketone	5.1	5	ug/L
Main Post	M-8	MW	MP08-MW13-A01	Water	BNA	Unknown	28.4	2	ug/L
Main Post	M-8	MW	MP08-MW13-A01	Water	BNA	Unknown	33.34	10	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Unknown Ketone	5.25	5	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Unknown	5.31	20	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Aromatic Hydrocarbon	9.46	20	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Unknown	12.19	3	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Sub Phenol	13.68	7	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Unknown	17.34	5	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Unknown	17.63	20	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Unknown	18.3	7	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Benzothiazolone	18.66	8	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Unknown	19	4	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Unknown	23.21	100	ug/L
Main Post	M-8	MW	MP08-MW15-A01	Water	BNA	Unknown	25.37	6	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	5.27	20	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Aromatic Hydrocarbon	9.45	20	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	12.19	3	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Substitute Phenol	13.69	6	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	14.54	3	ug/L

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	17.34	5	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	17.62	20	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	18.3	6	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Benzothiazolone	18.66	6	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	19	5	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	23.21	90	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	25.38	5	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	5.17	10	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Aromatic Hydrocarbon	9.4	10	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	12.14	3	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Substitute Phenol	13.64	7	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	14.48	3	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown Amide	17.27	5	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	17.55	20	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	18.23	7	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Benzothiazolone	18.61	9	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	18.95	4	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	23.16	60	ug/L
Main Post	M-8	MW	MP08-MW15-C01	Water	BNA	Unknown	25.32	5	ug/L
Main Post	M-8	MW	MP08-MW15-E01	Water	BNA	Toluene	3.28	3	ug/L
Main Post	M-8	MW	MP08-MW15-E01	Water	BNA	Unknown	3.69	8	ug/L
Main Post	M-8	MW	MP08-MW15-E01	Water	BNA	Unknown Ketone	5.23	6	ug/L
Main Post	M-8	MW	MP08-MW15-E01	Water	BNA	Toluene	3.07	3	ug/L
Main Post	M-8	MW	MP08-MW15-E01	Water	BNA	Unknown	3.56	7	ug/L
Main Post	M-8	MW	MP08-MW15-E01	Water	BNA	Unknown Ketone	5.1	5	ug/L
Main Post	M-8	MW	MP08-MW12-014	Water	VOA	None			
Main Post	M-8	MW	MP08-MW12-A01	Water	BNA	Tetrachloroethylene	5.43	10	ug/L
Main Post	M-8	MW	MP08-MW12-A01	Water	BNA	Unknown Ketone	6.4	8	ug/L
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	VOA	Unknown	26.13	9	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	VOA	None			
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	VOA	None			
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	VOA	Unknown	26.11	60	ug/kg
Main Post	AOC3	SB	MPA3-SB01-E02	Soil	VOA	None			
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Unknown	1.72	700	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Methylbenzene	1.87	500	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Unknown	2.28	300	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Unknown	2.95	800	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Unknown Ketone	3.49	6000	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Unknown	4.67	300	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Unknown	4.72	400	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Tce Isomer	4.9	300	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Unknown	5.35	700	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Unknown	6.47	600	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Subs. Hydrocarbon	12.37	300	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Subs. Hydrocarbon	13.24	400	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Subs. Hydrocarbon	13.81	800	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Subs. Hydrocarbon	14.71	200	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Subs. Acid Ester	15.06	300	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Subs. Hydrocarbon	15.24	1000	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Subs. Hydrocarbon	16.6	2000	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Subs. Hydrocarbon	17.9	500	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Subs. Hydrocarbon	17.99	800	ug/kg
Main Post	AOC3	SB	MPA3-SB01-A02	Soil	BNA	Subs. Hydrocarbon	19.17	400	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Unknown	2.33	300	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Unknown	2.72	200	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Unknown	3	900	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Unknown Ketone	3.52	7000	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Unknown	4.62	200	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Tce Isomer	4.91	300	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Unknown	5.35	600	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Unknown	6.47	700	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Subs. Hydrocarbon	12.37	300	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Subs. Hydrocarbon	13.24	400	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Subs. Hydrocarbon	13.81	800	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Subs. Hydrocarbon	14.71	200	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Subs. Acid Ester	15.06	300	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Subs. Hydrocarbon	15.24	1000	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Subs. Hydrocarbon	15.86	900	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Subs. Hydrocarbon	16.6	1000	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Subs. Hydrocarbon	17.9	600	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Subs. Hydrocarbon	17.99	1000	ug/kg
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Subs. Hydrocarbon	19.17	400	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	AOC3	SB	MPA3-SB01-C02	Soil	BNA	Unknown	22.03	200	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	VOA	None			
Main Post	AOC3	SB	MPA3-SB02-D02	Water	VOA	None			
Main Post	AOC3	SB	MPA3-SB01-D02	Water	VOA	None			
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Methylbenzene	1.87	500	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	2.23	80	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	2.28	200	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	2.69	200	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	2.87	100	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	2.97	900	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	3.23	100	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown Ketone	3.51	6000	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	3.67	100	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	3.8	80	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	4.19	200	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	4.62	100	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	4.67	200	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	4.72	300	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	4.82	100	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Tetrachloroethane	4.9	300	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	5.36	600	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	6.49	100	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown	6.88	100	ug/kg
Main Post	AOC3	SB	MPA3-SB02-A02	Soil	BNA	Unknown Acid	15.06	200	ug/kg
Main Post	AOC3	SB	MPA3-SB03-E02	Water	VOA	None			
Main Post	BKGD	SB	B2-SB01-A01	Soil	VOA	None			
Main Post	BKGD	SB	B2-SB01-A01	Soil	VOA	None			
Main Post	BKGD	SB	B2-SB01-A02	Soil	VOA	None			
Main Post	BKGD	SB	B2-SB01-A02	Soil	VOA	None			
Main Post	BKGD	SB	B3-SB01-A01	Soil	VOA	None			
Main Post	BKGD	SB	B3-SB01-A03	Soil	VOA	None			
Main Post	BKGD	SB	B3-SB01-D03	Water	VOA	None			
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Trimethyldioxolane Isomer	3.22	400	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Propanic Acid	3.66	200	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown	3.75	200	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Methylbenzene	4.3	800	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown Ketone	4.89	200	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown Acid Ester	5.7	500	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown	5.8	300	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown Ketone	6.37	6000	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown	6.68	200	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown	7.96	300	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown	8	300	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Tetrachloroethane Isomer	8.2	400	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown	8.61	200	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown	8.75	400	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown	10	600	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown Acid Ester	18.45	100	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown	27.16	100	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown Hydrocarbon	28.67	100	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown Hydrocarbon	30.21	100	ug/kg
Main Post	BKGD	SB	B2-SB01-A01	Soil	BNA	Unknown	32.26	100	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	3.23	200	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	3.72	200	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Methylbenzene	4.29	500	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	4.9	500	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	5.45	200	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown Acid Ester	5.71	500	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	5.79	500	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown Ketone	6.36	6000	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	6.69	500	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	7.95	300	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	7.99	300	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Tetrachloroethane	8.22	300	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	8.6	200	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	8.75	400	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	9.99	500	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown Acid Ester	18.44	100	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown Hydrocarbon	30.2	90	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	34.47	100	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Unknown	34.61	100	ug/kg
Main Post	BKGD	SB	B2-SB01-A02	Soil	BNA	Sitosterol Isomer	35.47	90	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Methylbenzene	4.28	500	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown	5.44	1000	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown Acid Ester	5.7	400	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown	5.8	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown Ketone	6.35	5000	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown	6.38	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown	7.94	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown	8	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Tetrachloroethane	8.21	400	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown	8.61	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown	8.76	400	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown	9.98	500	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown Acid Ester	18.43	90	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown Alcohol	27.15	100	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown Alcohol	28.69	300	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown	29.71	80	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown Hydrocarbon	30.22	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown Hydrocarbon	32.26	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown	34.61	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A01	Soil	BNA	Unknown Hydrocarbon	35.21	100	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	3.28	500	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	3.83	400	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown Hydrocarbon	3.99	100	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Methylbenzene	4.34	800	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	4.93	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	5.48	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown Acid	5.6	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown Acid Ester	5.74	600	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	5.82	400	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown Ketone	6.41	8000	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	6.7	300	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	7.51	100	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	7.96	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	8	300	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Tetrachloroethane	8.23	500	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	8.63	200	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	8.76	400	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	9.02	200	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown	10	700	ug/kg
Main Post	BKGD	SB	B3-SB01-A03	Soil	BNA	Unknown Acid Ester	18.43	100	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	VOA	None			
Main Post	BKGD	SB	B1-SB01-A02	Soil	VOA	None			
Main Post	BKGD	SB	B4-SB01-A01	Soil	VOA	None			
Main Post	BKGD	SB	B4-SB01-A02	Soil	VOA	None			
Main Post	BKGD	SB	B4-SB01-A02	Soil	VOA	None			
Main Post	BKGD	SB	B4-SB01-C01	Soil	VOA	None			
Main Post	BKGD	SB	B4-SB01-D01	Water	VOA	None			
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Trimethyl 1,3-Dioxolane	3.34	1000	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	3.95	100	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown Acid	4.19	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Methylbenzene	4.4	700	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	4.97	300	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	5.52	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	5.66	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown Acid	5.8	500	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	5.86	300	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	5.92	100	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown Ketone	6.47	6000	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	6.74	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	7.98	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	8.02	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Tetrachloroethane	8.25	300	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Methylhexanone	8.78	300	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	9.02	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	10.02	700	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	12.32	100	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Propanoic Acid Ester	18.44	300	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Methylbenzene	2.78	100	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	4.18	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown Ketone	4.93	4000	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	6.48	80	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	7.38	90	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Methylhexanone	7.66	100	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	10.85	80	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Unknown	11.14	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A01	Soil	BNA	Propanoic Acid Ester	17.05	300	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Unknown	2.68	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Methylbenzene	2.78	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Unknown Acid	4.18	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Unknown Ketone	4.93	4000	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Unknown	5.12	100	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Unknown	6.47	100	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Unknown	6.56	100	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Tetrachloroethane	6.77	100	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Unknown	7.37	200	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Unknown	7.66	90	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Unknown	10.85	100	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Unknown	13.34	90	ug/kg
Main Post	BKGD	SB	B1-SB01-A02	Soil	BNA	Propanoic Acid Ester	17.05	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Methylbenzene	2.74	200	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown	3.72	80	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown Ketone	4.1	200	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown Ketone	4.86	3000	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown	6.46	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown	6.53	80	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown	7.33	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Hexenedione	7.36	200	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown	10.85	80	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Propanoic Acid Ester	17.04	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown Aromatic Hydrocarbon	20.59	90	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown Aromatic Hydrocarbon	28.5	300	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown	7.33	200	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Decamethylcyclopentasiloxane	10.82	80	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown Hydrocarbon	14.67	90	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Propanoic Acid Ester	17	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown Aromatic Hydrocarbon	20.53	90	ug/kg
Main Post	BKGD	SB	B4-SB01-A01	Soil	BNA	Unknown Aromatic Hydrocarbon	28.43	300	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Methylbenzene	2.85	400	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown Hydrocarbon	4.21	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown Ketone	4.29	200	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown Ketone	4.97	2000	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown Ketone	5.01	1000	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown Ketone	5.02	200	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown	5.16	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown	6.49	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown Hydrocarbon	6.57	90	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Tetrachloroethylene	6.79	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Methylhexenone	7.67	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Decamethylcyclopentasiloxane	10.85	90	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Propanoic Acid Ester	17.05	400	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown	2.83	600	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown	4.17	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown Ketone	4.23	200	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown Ketone	4.87	1000	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown Ketone	4.94	400	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown Ketone	4.95	2000	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown	5.11	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown	6.45	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown	7.35	90	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Unknown	7.64	100	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Decamethylcyclopentasiloxane	10.82	90	ug/kg
Main Post	BKGD	SB	B4-SB01-A02	Soil	BNA	Propanoic Acid Ester	17.01	400	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown	2.68	100	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Methylbenzene	2.81	200	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Acid	4.19	200	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Ketone	4.93	3000	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown	6.47	100	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown	7.35	100	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Hexenedione	7.37	200	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Propanoic Acid Ester	17.04	200	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Aromatic Hydrocarbon	26.54	100	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Aromatic Hydrocarbon	28.52	700	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Hydrocarbon	30.14	700	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown	2.67	200	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Methylbenzene	2.75	200	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown	3.71	80	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Acid	4.14	200	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Ketone	4.89	3000	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown	6.43	100	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown	7.32	90	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Hexenedione	7.33	200	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Hydrocarbon	14.67	90	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Propanoic Acid Ester	17.01	200	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Aromatic Hydrocarbon	24.69	80	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Aromatic Hydrocarbon	26.49	80	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Aromatic Hydrocarbon	28.44	300	ug/kg
Main Post	BKGD	SB	B4-SB01-C01	Soil	BNA	Unknown Hydrocarbon	30.08	200	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	VOA	Unknown Hydrocarbon	27.12	7	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	VOA	Unknown	29.1	6	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	VOA	Unknown Hydrocarbon	29.79	10	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	VOA	None			
Main Post	BKGD	SB	B5-SB01-D02	Water	VOA	None			
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	2.52	400	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Toluene	2.74	200	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	3.69	90	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	4.05	200	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown Ketone	4.82	4000	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	5.04	80	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	6.49	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Tetrachloroethane	6.71	90	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	7.29	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	7.32	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Propanoic Acid Ester	17	200	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown Hydrocarbon	27.92	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown Hydrocarbon	30.05	300	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	31.52	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	31.53	200	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	31.62	90	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	2.45	500	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Toluene	2.65	300	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	3.94	200	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown Ketone	4.76	9000	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown Ketone	4.96	80	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	6.35	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	6.44	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	6.54	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Tetrachloroethane	6.66	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A01	Soil	BNA	Unknown	7.28	200	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown	2.46	200	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown Acid	4	90	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown Ketone	4.76	2000	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown	5.02	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown	7.32	80	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Propanoic Acid Ester	17	200	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Diphenyldisulfide	19.8	2000	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown Hydrocarbon	27.92	90	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown Hydrocarbon	29.28	90	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown Ketone	2.02	600	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown	2.5	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown	2.54	200	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Toluene	2.7	200	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown	3.99	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown	4.01	700	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown Ketone	4.82	10000	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown	4.99	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown	6.55	100	ug/kg
Main Post	BKGD	SB	B5-SB01-A02	Soil	BNA	Unknown	7.29	100	ug/kg
Main Post	M-16	SB	MP16-SB01-A01	Soil	VOA	None			
Main Post	M-16	SB	MP16-SB01-A02	Soil	VOA	None			
Main Post	M-16	SB	MP16-SB01-A01	Soil	BNA	Methylbenzene	1.89	500	ug/kg
Main Post	M-16	SB	MP16-SB01-A01	Soil	BNA	Unknown	2.3	300	ug/kg
Main Post	M-16	SB	MP16-SB01-A01	Soil	BNA	Unknown	2.71	200	ug/kg
Main Post	M-16	SB	MP16-SB01-A01	Soil	BNA	Unknown	2.97	800	ug/kg
Main Post	M-16	SB	MP16-SB01-A01	Soil	BNA	Unknown Ketone	3.49	6000	ug/kg
Main Post	M-16	SB	MP16-SB01-A01	Soil	BNA	Unknown	4.67	200	ug/kg
Main Post	M-16	SB	MP16-SB01-A01	Soil	BNA	Unknown	4.72	400	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Molecular Sulfur	21.92	2000	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Phosphonic Acid Ester	25.51	900	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	25.84	500	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	26.31	700	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	27.07	2000	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown Hydrocarbon	28.5	4000	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	28.59	2000	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown Hydrocarbon	30.02	1000	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	30.2	500	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	30.84	700	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	31.33	600	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Friedooleaneone	32.1	300	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	32.27	900	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Methylbenzene	2.92	2000	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown Keto,ie	3.9	200	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	4.24	1000	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown Ketone	4.92	8000	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	5.34	200	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	6.3	400	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	6.36	300	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Tetrachloroethane	6.56	300	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	7.13	700	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	16.68	400	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Hexadecanoic Acid	20.69	300	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Molecular Sulfur	21.69	800	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	25.33	300	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	25.66	400	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	26.11	500	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	26.88	2000	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown Hydrocarbon	28.31	2000	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	28.43	900	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	30.55	800	ug/kg
Main Post	AOC3	SD	MP08-SD01-A01	Soil	BNA	Unknown	31.93	2000	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	2.82	200	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Methylbenzene	3.03	400	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	4.37	400	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	4.67	200	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown Ketone	5.04	4000	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	6.45	200	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	7.28	400	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	18.97	400	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Molecular Sulfur	21.91	2000	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Phosphonic Acid Ester	25.53	600	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	25.83	400	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	26.3	400	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	27.08	2000	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown Hydrocarbon	28.49	1000	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	28.63	600	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown Hydrocarbon	30.02	500	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	30.84	700	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	31.33	300	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Friedooleaneone	32.11	500	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Soil	BNA	Unknown	32.32	1000	ug/kg
Main Post	AOC3	SD	MP08-SD01-C01	Water	BNA	Unknown	4.86	2	ug/L
Main Post	AOC3	SD	MP08-SD01-C01	Water	BNA	Substitute Chlorobenzene	23.48	2	ug/L
Main Post	AOC3	SD	MP08-SD01-C01	Water	BNA	Unknown Acid Ester	25.76	7	ug/L
Main Post	BKGD	SD	SS01-SD02-A01	Soil	VOA	None			
Main Post	BKGD	SD	SS01-SD02-A01	Soil	VOA	Unknown Cyclic Hydrocarbon	28.35	50	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	VOA	None			
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Unknown	2.76	300	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Methylbenzene	2.99	600	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Unknown	4.37	800	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Unknown Ketone	5.04	5000	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Unknown	7.33	400	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Hexadecanoic Acid	20.94	900	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Phytol	22.31	300	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Unknown	22.57	300	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Octadecanoic Acid	22.8	300	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Aromatic Hydrocarbon C17H12	23.33	400	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Aromatic Hydrocarbon C17H12	23.49	300	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Unknown	24.37	1000	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Unknown	24.85	600	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Docosanoic Acid	26.12	200	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Unknown	26.74	300	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Unknown Hydrocarbon	27.13	900	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Arom. Hydrocarbon C20H12	28.26	700	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Unknown Hydrocarbon	28.55	1000	ug/kg
Main Post	BKGD	SD	SS01-SD02-A01	Soil	BNA	Unknown Hydrocarbon	30.07	600	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Sitosterol	32.33	1000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Methylbenzene	3.01	900	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown	4.39	2000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown Ketone	5.07	10000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown	7.31	1000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown Acid	20.93	2000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Molecular Sulfur	22	20000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown	24.34	1000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown	24.88	3000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown	25.23	2000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown	25.56	3000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Docosanoic Acid	26.12	600	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown	26.34	700	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown	26.57	2000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown	26.75	2000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown Hydrocarbon	27.13	6000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown	27.62	800	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown Hydrocarbon	27.83	500	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown Hydrocarbon	28.55	8000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Unknown Hydrocarbon	30.07	2000	ug/kg
Main Post	BKGD	SD	SS01-SD01-A01	Soil	BNA	Sitosterol	32.36	4000	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown	2.81	500	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown	4.34	300	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown Ketone	4.97	3000	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown	7.31	200	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown	16.88	100	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Hexadecanoic Acid	20.89	300	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown	22.1	100	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Octadecanoic Acid	22.77	300	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown Pesticide	22.92	200	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown Pesticide	23.72	300	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown Pesticide	24.42	400	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown	24.5	100	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown	24.89	100	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown	25.01	90	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown	25.42	80	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown	25.55	200	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown Hydrocarbon	27.11	300	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown Hydrocarbon	28.53	700	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown Hydrocarbon	30.08	400	ug/kg
Main Post	M-16	SS	MP16-SS01-A01	Soil	BNA	Unknown	30.47	200	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown Ketone	4.83	5000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	12.48	3000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	12.99	2000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown Hydrocarbon	18.22	4000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown Hydrocarbon	19.32	3000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	20.19	4000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	20.46	5000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	20.62	3000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	20.93	4000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	21.13	7000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	21.34	2000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	21.75	5000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown Aromatic Hydrocarbon	22	5000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Chlordane	22.27	8000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	22.52	10000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	22.72	3000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	23.09	4000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown Pesticide	23.77	4000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	29.74	4000	ug/kg
Main Post	M-16	SS	MP16-SS02-A01	Soil	BNA	Unknown	30.48	3000	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown	2.86	90	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown	4.37	300	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown Ketone	5	2000	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown	6.52	100	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown	7.3	200	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Hexadecanoic Acid	20.88	400	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown	22.24	500	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Chlordane	22.46	500	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Octadecanoic Acid	22.77	200	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown Pesticide	22.91	300	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown Pesticide	23.71	900	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown Pesticide	24.41	600	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown	24.49	100	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown Hydrocarbon	27.1	300	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown	28.23	500	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown Hydrocarbon	28.52	900	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown	29.76	300	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown Hydrocarbon	30.06	700	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown	31.57	300	ug/kg
Main Post	M-16	SS	MP16-SS04-A01	Soil	BNA	Unknown	32.28	600	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown	4.27	80	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown	4.37	400	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown Ketone	5.04	3000	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown	6.43	80	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown	6.49	90	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown	6.55	100	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown	7.3	200	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown	16.87	100	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown Acid Ester	20.89	200	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Chlordane	22.22	100	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Octadecanoic Acid	22.76	100	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown Pesticide	22.92	300	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown Pesticide	23.72	400	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown Pesticide	24.42	800	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown Hydrocarbon	25.55	100	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown Hydrocarbon	27.12	300	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown Hydrocarbon	28.52	400	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown Hydrocarbon	30.06	600	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown	31.67	200	ug/kg
Main Post	M-16	SS	MP16-SS03-A01	Soil	BNA	Unknown	32.28	400	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown	4.34	400	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Ketone	4.95	3000	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Acid	18.89	800	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Acid	21.08	10000	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Heptadecenoic Acid	21.87	300	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Acid	22.63	2000	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown	22.94	10000	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Pesticide	23.74	700	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown	24.13	200	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Pesticide	24.43	2000	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Acid	24.52	500	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Acid	26.12	400	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Hydrocarbon	27.1	800	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown	28.09	200	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Aromatic Hydrocarbon	28.21	100	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Hydrocarbon	28.52	2000	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown Hydrocarbon	30.06	1000	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown	31.55	500	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown	31.65	800	ug/kg
Main Post	M15	SS	MP15-SS01-A01	Soil	BNA	Unknown	32.27	1000	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown Ketone	4.34	400	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown Ketone	4.97	3000	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Nonanoic Acid	12.95	400	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown Acid Ester	18.94	1000	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Hexadecanoic Acid	21.15	10000	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown Acid Ester	22.71	3000	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown	22.95	8000	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown	23.14	300	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown	24.19	300	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown	24.37	300	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown Pesticide	24.43	400	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown Acid Ester	24.58	900	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown	24.8	200	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown Acid Ester	26.16	700	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown Hydrocarbon	27.12	2000	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown Acid Ester	27.64	400	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown	28.11	800	ug/kg

**TENTATIVELY IDENTIFIED COMPOUNDS
SITE INVESTIGATION, FORT MONMOUTH**

Area	Site ID	Sample Type	Sample ID	Matrix	Fraction	TIC	Retention Time (min)	Result	Units
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown Hydrocarbon	28.54	3000	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown Hydrocarbon	30.09	1000	ug/kg
Main Post	M15	SS	MP15-SS02-A01	Soil	BNA	Unknown	32.3	1000	ug/kg
Main Post	M16	SS	MP16-SS01-A01	Soil	VOA	None			
Main Post	M16	SS	MP16-SS02-A01	Soil	VOA	None			
Main Post	M16	SS	MP16-SS04-A01	Soil	VOA	None			
Main Post	M16	SS	MP16-SS03-A01	Soil	VOA	None			
Main Post	M16	SS	MP16-SS01-D01	Water	VOA	None			
Main Post	M16	SS	MP16-SS01-E01	Water	VOA	None			
Main Post	BKGD	SW	SS01-SW01-A01	Water	BNA	Unknown	4.85	4	ug/L
Main Post	BKGD	SW	SS01-SW01-A01	Water	BNA	Unknown Acid Ester	25.75	9	ug/L
Main Post	BKGD	SW	SS01-SW02-A01	Water	VOA	None			
Main Post	BKGD	SW	SS01-SW02-A01	Water	BNA	Unknown	4.89	3	ug/L
Main Post	BKGD	SW	SS01-SW02-A01	Water	BNA	Sulfonylbischlorobenzene	23.5	2	ug/L
Main Post	BKGD	SW	SS01-SW02-A01	Water	BNA	Unknown Acid Ester	25.78	10	ug/L
Main Post	BKGD	SW	SS01-SW01-A01	Water	VOA	None			
Main Post	M-14	SW	MP14-SW02-A01	Water	VOA	None			
Main Post	M-14	SW	MP14-SW01-A01	Water	VOA	None			
Main Post	M-14	SW	MP14-SW02-A01	Water	BNA	None			
Main Post	M-2	SW	MP02-SW01-A01	Water	VOA	None			
Main Post	M-2	SW	MP02-SW02-A01	Water	VOA	None			
Main Post	M-2	SW	MP02-SW01-A01	Water	BNA	Unknown	4.84	2	ug/L
Main Post	M-2	SW	MP02-SW01-A01	Water	BNA	Substitute Chlorobenzene	23.5	3	ug/L
Main Post	M-2	SW	MP02-SW01-A01	Water	BNA	Unknown Acid Ester	25.76	6	ug/L
Main Post	M-2	SW	MP02-SW02-A01	Water	BNA	Unknown	4.87	3	ug/L
Main Post	M-2	SW	MP02-SW01-A01	Water	BNA	Substitute Chlorobenzene	23.48	10	ug/L
Main Post	M-3	SW	MP10-SW01-A01	Water	VOA	None			
Main Post	M-3	SW	MP10-SW01-A01	Water	BNA	Unknown Acid Ester	7	10	ug/L
Main Post	M-3	SW	MP06-SW01-A01	Water	VOA	None			
Main Post	M-3	SW	MP06-SW01-C01	Water	VOA	None			
Main Post	M-3	SW	MP06-SW01-A01	Water	BNA	Unknown	4.84	2	ug/L
Main Post	M-3	SW	MP06-SW01-A01	Water	BNA	Unknown	23.48	6	ug/L
Main Post	M-3	SW	MP06-SW01-A01	Water	BNA	Unknown Acid Ester	25.74	20	ug/L
Main Post	M-3	SW	MP06-SW01-C01	Water	BNA	Unknown	4.87	3	ug/L

ATTACHMENT 2

SAMPLE IDENTIFICATION CODES

Table 4.2-21
Fort Monmouth - Main Post
Summary of Detected Compounds in Sediments
Site - Sanitary Treatment Plant

COMPOUND	METHOD DETECTION LIMIT (mg/kg)	MARINE/ESTUARINE BIOLOGICAL EFFECTS RANGE*		MAXIMUM DETECTED BACKGROUND CONCENTRATION	ANALYTICAL RESULTS
		ER-L (mg/kg)	ER-M (mg/kg)		STPSD-1
VOC's (mg/kg)					
Acetone	0.0069	NLE	NLE	0.47 B	ND
2-Butanone	0.0041	NLE	NLE	0.1	ND
1,2-Dichloroethene (total)	0.0044	NLE	NLE	0.1	ND
Vinyl Chloride	0.0079	NLE	NLE	0.47 B	ND
SVOCs (mg/kg)					
Di-n-butylphthalate	0.215	NLE	NLE	0.26 JB	ND
2,2'-oxybis(1-Chloropropane)	0.231	NLE	NLE	ND	ND
PAHs (mg/kg)					
Benzo(a)pyrene	0.162	0.43	1600	1.2	ND
METALS TOTAL (mg/kg)					
Aluminum	18.1	NLE	NLE	9060	9240
Arsenic	2.5	8.2	70	14.5	24.2
Barium	1.4	NLE	NLE	87.6	27.6
Beryllium	1.0	NLE	NLE	3.2	1.3
Cadmium	2.3	1.2	9.6	ND	4.2
Calcium	8.1	NLE	NLE	3180	1010
Chromium	4.3	81	370	88.1	93.5
Cobalt	1.9	NLE	NLE	119	13.5
Copper	1.6	34	270	48.4	35.2
Iron	3.2	NLE	NLE	61900	49200
Lead	9.9	46.7	218	64.1	59
Magnesium	25.8	NLE	NLE	3280	3390
Manganese	1.4	NLE	NLE	70.2	39.5
Mercury	0.32	0.15	0.71	1.7	0.57
Nickel	8.7	20.9	51.6	131	26.5
Potassium	555	NLE	NLE	10200	6760
Selenium	0.56	NLE	NLE	1.7	0.88
Silver	2.1	1	3.7	ND	5.2
Sodium	10.4	NLE	NLE	189	2330
Vanadium	2.0	NLE	NLE	49.1	49.5
Zinc	1.9	150	410	162	386

Compounds detected above NJDEP Sediment Guidance are noted by bold numbers.

* - Value from Long et al. (1995). Concentrations equal to and above the ER-L, but below the ER-M, represent a possible-effects range.

ND - Compound was not detected at or above the quantification limit.

NLE - No Level Established