ignitability, corrosivity, or reactivity. See § 261.21, § 261.22, and § 261.23, respectively.

BSC used unreferenced gas chromatographic/mass spectrometric (GC/MS) methods (April 1984 samples) to quantify total constituent concentrations of benzene, benzo(a)pyrene, and tetrachloroethylene. "Methods for Chemical Analysis of Water and Waste," Method 420.1 (April 1984 samples) was used to quantify phenol levels. SW-846 Method 8.86 (April 1984 samples) was used to quantify naphthalene concentrations. BSC used unreferenced SW-846 Methods (February 1985 samples) to quantify the total constituent concentrations of benzene, benzo(a)pyrene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3cd)-pyrene, naphthalene, and phenols. BSC used SW-846 Methods 8240 and 8270 (June 1992 samples) to quantify total constituent concentrations of

volatile organic and semivolatile organic compounds, respectively. BSC prepared a toxicity characteristic leachate (according to the procedure in 51 FR 21685, June 13, 1986) to determine the leachable concentrations of volatile organic and semivolatile organic compounds in the September 1988 sample. BSC used SW–846 Method 1311 in conjunction with Methods 8240 and 8270 to determine the leachable concentrations of volatile organic and semivolatile organic compounds in the June 1992 samples.

Table 3 presents the maximum reported (or estimated) total constituent concentrations for hazardous organic constituents detected in the petitioned waste. Table 4 presents the maximum reported and estimated TCLP leachate concentrations for hazardous organic constituents detected in extracts of samples of the petitioned waste. Average values (and 95% UCLs) were not calculated because the number of samples for most organic constituents were limited, and most yielded nondetectable constituent levels at varying detection limits. Furthermore, most constituents that were detected were found at levels below quantitation limits and are reported as "estimated" values. Tables 3 and 4 also identify the number of samples in which each constituent was detected. The total constituent concentrations of benzo(a)pyrene, naphthalene, and phenol in the six composite samples collected in April 1984 were presented in the petition on a dry weight basis. Because, for delisting purposes, the Agency evaluates wastes in their asdisposed condition, the concentrations of these three constituents were recalculated in Table 3 on a wet weight basis using percent solids data to account for the water that is normally present in the waste. (For further detail, see the RCRA public docket for today's notice.)

TABLE 3.—TOTAL CONSTITUENT CONCENTRATIONS (MG/KG) DETECTED ORGANIC CONSTITUENTS

| | Total Concentrations (mg/kg) | |
|-----------------------------|------------------------------|--|
| Constituents | Maximum ¹ | Number of samples in which de- tected/total number of samples |
| Benzo(a)-anthracene | ² 0.44 | 2/8 |
| Benzo(a)pyrene ³ | 0.69 | 6/20 |
| Chrysene | ² 0.6 | 2/8 |
| 1,1–Dichloroethane | ² 0.0075 | 1/8 |
| Ethyl benzene | 1.3 | 2/8 |
| Fluoranthene | ² 1.3 | 3/8 |
| Indeno(1,2,3-cd)-pyrene | ² 0.53 | 1/14 |
| Methyl ethyl ketone | ² 0.085 | 3/8 |
| Naphthalene ³ | ² 0.87 | 15/23 |
| Phenanthrene | ² 2.0 | 5/8 |
| Phenol ³ | 0.26 | 12/20 |
| Pyrene | ² 1.5 | 5/8 |
| Toluene | ² 0.0065 | 2/8 |
| Xylenes | 5 | 5/8 |

¹These levels represent the highest concentration of each organic constituent found in any sample of the petitioned waste. These levels do not necessarily represent the specific levels found in one sample.

² These constituents were detected, but below quantitation limits; estimated values are given

³BSC's petition reported benzo(a)pyrene, naphthalene, and phenol concentrations for samples collected in April 1984 on a dry weight basis. Tabulated values are on a wet weight basis.

TABLE 4.—TCLP Leachate Concentrations (mg/l) Detected Organic Constituents

| Constituents | TCLP Leachate Concentra- tions (mg/l) Maximum ¹ |
|---------------------------------|--|
| Ethyl benzene | 0.036 |
| Methylene chloride ² | .085 |
| Naphthalene | ³ .013 |
| Phenol | ³ .028 |
| Toluene | .011 |
| 1,1,1–Trichloroethane | .006 |

| TABLE | 4.—T | CLP I | Leachate | Con- |
|--------|--------|----------|-----------|-------|
| centra | ations | (mg/l) | Detected | d Or- |
| ganic | Const | ituents- | -Continue | ed |

| Constituents | TCLP Leachate Concentra- tions (mg/l) Maximum ¹ |
|--------------|--|
| Xylenes | ³ .085 |

¹These levels represent the highest concentration of each organic constituent found in any extract of samples of the petitioned waste. These levels do not necessarily represent the specific levels found in one sample. ² Found in blanks for some samples. ³ Concentrations estimated at less than the detection limit were reported and are included as maximum concentrations.

In its original petition, BSC submitted a signed certification stating that the landfill contained approximately 170,000 cubic yards of waste that had been accumulated for 14 years (1969 through November 1983). In the November 1992 supplemental information submittal, BSC claimed that this previous estimate of the volume of the landfill was not accurate. BSC stated that the initial estimate was based upon