STATEMENT D

COMPETITIVE ALTERNATIVES

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BUCKEYE PIPE LINE COMPANY, L.P'S COMPETITIVE ALTERNATIVES

I. Destination Market Competition Alternatives

Buckeye is requesting market-based rate authority for the New York, NY BEA (the New York BEA). Within the New York Destination Market, Buckeye Pipe Line Company, L.P ("Buckeye") has three pipeline systems: the Long Island System, a pipeline to the Allentown, PA area, and the Jet Lines. The Long Island System makes deliveries to Inwood, NY, Long Island City, NY, J.F. Kennedy International Airport, NY, La Guardia Airport, NY, Newark International Airport, NJ, and Linden, NJ. In the Allentown, PA area, Buckeye makes deliveries to Allentown, PA, Fullerton, PA, and Macungie, PA. On its Jet Lines System, Buckeye makes deliveries to New Haven, CT.

In the New York BEA, Buckeye faces competition from two local refineries with truck racks, Hess and Phillips 66, two inbound pipelines connected to terminals in New York, Colonial Pipeline Co. ("Colonial"), Sunoco Logistics Partners L.P.'s ("Sunoco Logistics") Macungie, Twin Oak, and Harbor pipelines, and substantial port facilities. Table D.1 at the end of this statement lists the competitive alternatives to Buckeye within the New York BEA.

II. Origin Market Competitive Alternatives

Buckeye's New York Origin Market is the New York BEA. The Buckeye System has several connections to refineries and other pipelines at its New Jersey origins of Linden, NJ, Sewaren, NJ, and Port Reading, NJ. At Macungie, PA, Buckeye pipeline is connected to Buckeye's pipeline from Linden, NJ and to its affiliated pipeline, Buckeye Pipe Line Transportation LLC, at Malvern and Ridley Park, PA in the Philadelphia area. At New Haven,

CT, Buckeye's Jet Lines are connected to tankage at New Haven which receives product from waterborne sources.

Shippers in Buckeye's New York Origin Market all have several alternatives available to move their pipelineable petroleum products to ultimate consumers. Table D.2 lists the competitive alternatives to Buckeye for each of the refineries connected to Buckeye in this market. These refineries have the option of waterborne transportation, Colonial pipeline, and local consumption.

III. Measuring Capacity For The Competitive Alternatives To Buckeye

A. Market Data Used

The relevant measures of capacity for Buckeye, its competitors, and other market participants include the capacity to deliver into the destination market, the capacity to ship out of the origin market, and the capacity of refineries to produce refined petroleum products in the destination market. The market presence of Buckeye's customers in the New York origin market (*i.e.,* the refineries located in this origin market) is measured by their capacity to produce pipelineable refined petroleum products.

The competitors and other market participants whose market presence must be measured are:

- Other pipelines delivering product to Buckeye's destination market (competitors to Buckeye);
- Other pipelines carrying product from Buckeye's origin market (competitors to Buckeye);
- Refineries in Buckeye's destination market (competitors to Buckeye);

- Refineries in Buckeye's origin market (potential customers of Buckeye);
- Waterborne shipments into Buckeye's destination market (competitors to Buckeye); and
- Waterborne shipments out of Buckeye's origin market (competitors to Buckeye).

B. Estimating Current And Potential Market Presence

1. Refinery Capacity And Production

Refineries in the destination market are direct competitors to Buckeye, and, in the origin market, determine the size of the market. The overall capacity of refineries is estimated by first identifying the relevant refineries and compiling their crude oil distillation capacity[1]. To account for the fact that not all of the output of a refinery is pipelineable products, the ratio of pipelineable products output to crude oil input for each refinery's refinery district is used to estimate pipelineable product production[2]. Crude oil capacity multiplied by the ratio of pipelineable product production to crude oil input is the measure of a refinery's pipelineable product production capacity.

Actual refinery production of pipelineable products generally is less than capacity (*i.e.*, capacity utilization is less than 100%). To estimate actual refinery production of

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[1] Refinery capacity is measured as reported by the refining companies on their websites or by the Energy Information Administration (EIA). The EIA lists refineries by refiner and location and each refinery's crude oil capacity. Crude charge capacity in barrels per calendar day, as of January 1, 2012 is used as the measure of refinery crude oil capacity as of 2012. See the EIA's Refinery Capacity Report at http://www.eia.doe.gov/oil_gas/petroleum/data_publications/refinery_capacity_data/refcapacity.html.

[2] The EIA lists total refinery input of crude oil and production of finished petroleum products by refinery district. Finished petroleum products which are pipelineable are finished motor gasoline, finished aviation gasoline, jet fuel, kerosene, and distillate fuel oil. Data from 2011 are used to estimate the pipelineable production to crude oil input ratio. See the EIA's Refinery Utilization and Capacity at (http://tonto.eia.doe.gov/dnav/pet/pet_pnp_unc_a_EPXXX2_YIY_mbblpd_m.htm) and Refinery Net Production (http://tonto.eia.doe.gov/dnav/pet/pet_pnp_refp2_dc_r3a_mbbl_m.htm).

pipelineable products, each refinery's estimated pipelineable product capacity is multiplied by the average crude oil utilization rate in its refinery district[3]. Pipelineable product capacity multiplied by capacity utilization provides an estimate of refinery pipelineable product production (Table D.3 presents these calculations for the refineries in Buckeye's destination and origin markets).

2. Pipeline Capacity

Other pipelines' capacities to move product into Buckeye's destination market or out of Buckeye's origin market are estimated using reported capacities or, when these are not available, estimated capacities are based on the pipelines' diameters. Capacities of many pipelines serving Buckeye's origin and destination markets are reported by the National Petroleum Council (NPC).[4] In the cases where the capacity is not reported by the NPC, it is estimated based on the pipeline's diameter and the normal relationship between capacity and diameter. Capacities of new and proposed pipelines and capacity expansions of existing pipelines are tracked through recent news articles and corporate press releases. Table D.4 shows the capacities of all the relevant pipelines in Buckeye's destination market, origin market, and the component areas within the origin market.

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[3] The 2011 utilization rate by refinery district is reported by the EIA at Refinery Utilization and Capacity (http://tonto.eia.doe.gov/dnav/pet/pet_pnp_unc_dcu_nus_m.htm).

[4] National Petroleum Council, *Petroleum Storage & Transportation*, Volume V Petroleum Liquids Transportation, Table D-2 "Intra-PADD Petroleum Product Pipeline Capacities as of December 31, 1987." The summer normal mix is used as the measure of capacity.

3. Waterborne Capacity and Shipments

The Army Corps of Engineers publishes data on the capabilities (capacity) of port facilities which can be used to determine whether current deliveries and shipments through a port facility are near full capacity levels. Capacity to ship refined petroleum products out of a port is estimated based on the number of docks within each port that handle refined petroleum products.[5] For each such dock, the size of the berthing space and the water depth of the space at minimum depth were compiled. Based on the berthing space's size and water depth, the dock's capacity to handle refined petroleum products is estimated to be the capacity of the barge or tanker that the dock could handle. The refined petroleum product capacity of a port is then the sum of its docks' capacities. Many docks handle more than refined petroleum products. For example, many of the docks at refineries are used to receive crude oil as well as to ship out refined petroleum products. Such docks are assumed to be able to ship or receive refined petroleum products half of the time. Although many docks have more than one berth, it is a conservative assumption to assume that only one berth is used at any time to load or unload petroleum products. Table D.5 summarizes the waterborne capacity calculation. Table D.6 shows the detailed information for each relevant dock in the destination and origin market.

Actual waterborne receipts and shipments of pipelineable petroleum products for the Buckeye destination and origin markets are compiled from data collected by the U.S. Army Corps of Engineers.[6] Table D.7 shows the receipts and shipments for Buckeye's destination

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[5] The Port Series of the U.S. Army Corps of Engineers details the characteristics of each dock by port, http://www.iwr.usace.army.mil/ndc/index.htm.

[6] U.S. Army Corps of Engineers, *Waterborne Commerce of the United States, Calendar Year 2010, Part1 - Waterways and Harbors Atlantic Coast*, http://www.iwr.usace.army.mil/ndc/index.htm.

market, origin market, and for component areas within the origin market. The most recent waterborne data cover 2010.

The Army Corps' waterborne movement classifications included are:

- Foreign imports and exports: traffic between a U.S. foreign trade zone and foreign countries other than Canada.
- Canadian imports and exports: traffic between a U.S. foreign trade zone and Canada.
- Domestic receipts and shipments: domestic traffic receiving carriage over the ocean or the Gulf of Mexico or on internal waterways such as the Mississippi River. Domestic traffic occurs among Hawaii, Alaska, the 48 contiguous states, Puerto Rico, the Virgin Islands, Guam, American Samoa, Wake Island, and the U.S. Trust Territories.

The Army Corps' classes of commodities that include pipelineable refined petroleum products are: gasoline (including jet fuel), kerosene, and distillate fuel oil. Petroleum products loaded from shore facilities directly into bunkers of vessels for fuel are not included in the Army Corps' compilation of domestic commerce.

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Destination Market Competitive Alternatives
New York-Newark-Bridgeport, NY-NJ-CT-PA BEA

Refineries

Company	Location
Hess	Port Reading, NJ
Phillips 66	Linden, NJ

Pipelines

Company	Location and Type
Buckeye Pipe Line Transportation (Paulsboro)	Malvern, PA to Buffalo, NY (via Macungie and Fullerton/Allentown)
Colonial	Philadelphia, PA to New York, NY
Sunoco Logistics (Macungie)	Philadelphia, PA to Macungie, PA
Sunoco Logistics (Harbor)	Philadelphia, PA to Linden, NJ
Sunoco Logistics (Twin Oaks)	Twin Oaks, PA to Linden, NJ

Ports

Port	Number of Docks Used for Petroleum Product Handling
Port of New York	105
New Haven Harbor, CT	9
Other Ports in the New York BEA	32

Table D.2 – Page 1 of 1

Origin Market Competitive Alternatives for Each Refinery

Phillips 66, Linden, NJ

1. Local consumption within the New York BEA
2. Waterborne shipments from three Phillips 66 docks in Linden
3. 12" Buckeye pipeline
4. Phillips 66 truck terminal in Linden

Hess, Port Reading, NJ

1. Local consumption within the New York BEA
2. Waterborne shipments from two Hess docks in Port Reading
3. 14" Colonial pipeline
4. 8" Buckeye pipeline
5. Hess truck terminal in Port Reading

Table D.3 – Page 1 of 1

Estimated Pipelineable Petroleum Product Capacity And Output By Refinery in the New York Market

Company	Location	Refinery District	January 1, 2012 Crude Capacity (MBD)	Percent Output of Pipelineable Refined Products	Pipelineable Refined Product Capacity (MBD)	2011 Operable Utilization Rate	Estimated Output of Pipelineable Refined Products (MBD)
Internal Refineries							
Hess	Port Reading, NJ	East Coast	70.0	93.9%	65.7	73.4%	48.3
Phillips 66	Linden, NJ	East Coast	238.0	93.9%	223.5	73.4%	164.1
Total			308.0		289.2		212.4

Destination and Origin Market Estimated Refinery Pipelineable Petroleum Product Capacity and Output for New York Market

2011 East Coast Refinery District Statistics (Thousands of Barrels)

Refinery Input of Crude Oil	368,237
Refinery Net Production	
Finished Motor Gasoline	53,608
Net Input	
Liquefied Petroleum Gases	5,667
Renewable Fuels (Including Fuel Ethanol)	2,082
MGBC	-145,866
Motor Gasoline	191,725
Finished Aviation Gasoline	0
Jet Fuel	29,726
Kerosene	986
Distillate Fuel Oil	123,299
Total Pipelineable Petroleum Products	345,736
Percent Output of Pipelineable Petroleum Products	93.9%
Operable Utilization Rate	73.4%

Sources: EIA, Petroleum Supply Annual 2011, Volume 1, Tables 18 and 19; Navigant Economics.

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Destination and Origin Market Estimated Pipeline Capacities

I. New York Destination Market

Pipeline	Estimated Capacity (MBD)	Route and Diameter	Source
Buckeye Pipe Line Transportation (Paulsboro)	30.0	Malvern, PA to Buffalo, NY (via Macungie and Fullerton/Allentown, PA - 8")	Buckeye, Buckeye System Map
Colonial	950.0	Philadelphia, PA to New York, NY	"Colonial to add capacity to Gulf-to-Northeast pipeline," Reuters, March 12, 2012, http://af.reuters.com/article/energyOilNews/idAFL2E8EC34020120312.
Sunoco Logistics (Macungie)	29.4	Philadelphia, PA to Macungie, PA (8")	2005 Sunoco Application for Market Based Rates
Sunoco Logistics (Harbor)	180.0	Philadelphia, PA to Linden, NJ (16")	2005 Sunoco Application for Market Based Rates
Sunoco Logistics (Twin Oaks)	125.0	Twin Oaks, PA to Linden, NJ (14")	2005 Sunoco Application for Market Based Rates

I. New York Origin Market

Pipeline	Estimated Capacity (MBD)	Route and Diameter	Source
Buckeye (Jet Line)	64.0	New Haven, CT to Springfield, MA (12")	Buckeye, Buckeye System Map
Buckeye	172.0	Macungie, PA to Sinking Spring, PA (14")	Buckeye, Buckeye System Map
Buckeye	115.0	Macungie, PA to Upstate New York (16")	Buckeye, Buckeye System Map
Buckeye	80.0	Macungie, PA to Dupont, PA (14")	Buckeye, Buckeye System Map

Table D.5 – Page 1 of 1

Estimated Waterborne Pipelineable Petroleum Product Capacity For the New York Market

	Daily Total Port Capacity (Barrels)	Storage Capacity (Barrels)	Number of Docks
Port of New York, NY and NJ	4,427,500	85,865,014	105
Port of New Haven, CT	450,000	8,373,700	9
Other Ports in the New York BEA	1,207,500	22,751,530	32

Source: Table D.6.

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New York, NY and NJ							
564	International Matex Tank Terminals - Bayonne	Receipt and shipment of petroleum products by barge.	38	900	50,000	See Referenced Dock in "Remarks"	Two 20-, one 16-, and four 12-inch pipelines extend from wharf to steel storage tanks described under company-owned Bayonne Wharf, E. 22nd Street Dock, Berth No. 1 (Ref. No. 333).
572	Coastal Oil of New York, Inc., a subsidiary of The Coastal Corp	Receipt and shipment of petroleum products by barge; and loading harbor-bunkering barges.	26	330	50,000	1,964,000	One 16-, one 12-, and one 10-inch pipelines extend from pier to eighteen steel storage tanks at terminal in rear; total capacity 1,964,000 barrels.
572	City of Bayonne.	Receipt and shipment of petroleum products; fueling vessels; loading harbor-bunkering barges; and mooring floating equipment.	33	650	50,000	See Referenced Dock in "Remarks"	Two 16-, one 12-, two 10-, two 8-, and one 6-inch pipelines on pier connect with those serving adjacent company- owned Bayonne Wharf, E. 5th Street Dock, Berth No. 1 (Ref. No. 350).
823	Amerada Hess Corp	Receipt and shipment of petroleum products by barge.	22	900	50,000	5,546,000	Two 20-inch pipelines on wharf becoming four 10- and five 8-inch pipelines extend to seventy-two steel storage tanks at plant in rear; total capacity approximately 5,546,000 barrels. Barges berth along bulkhead between approach to this berth and approach to adjacent company-owned Berth No. 2 (Ref. No. 463).
881	Buckeye Perth Amboy	Receipt and shipment of petroleum products.	28	900	50,000	3,500,000	Two 12-, eight 10-, and one 2-inch pipelines extend from wharf to approximately one-hundred steel storage tanks at rear; total capacity 3,500,000 barrels.
881	Buckeye Perth Amboy	Receipt of crude oil; and shipment of petroleum products by vessel and barge.	35	1110	50,000	1,690,000	One 30-, one 20-, one 16-, one 12-, two 10-, and one 4-inch crude-oil pipelines extend from wharf to twelve steel storage tanks at rear, total capacity 1,690,000 barrels; and to petroleum-product tankage described under adjacent, company-owned State Street Dock, Berth No. 3 (Ref. No. 469). Berth No. 3 is at rear of face of north side of approach. At time of survey, six 8-inch pipelines on wharf were blanked. Pier is equipped with service lines for supplying compressed air and salt water.
906	Stolthaven Perth Amboy, Inc	Receipt and shipment of petroleum products and asphalt by barge.	21	425	50,000	1,400,000	One 14-, three 12-, one 10-, and three 8-inch pipelines extend from wharf to thirteen petroleum-product storage tanks at plant in rear, total capacity 1,400,000 barrels; and to four asphalt storage tanks, total capacity 270,000 barrels. Wharf operates as public terminal for liquid-bulk commodities.
680	Tosco Refining Co., a division of Tosco Corp	Receipt of crude oil, petroleum products, and chemicals; shipment of petroleum products.	40	1280	50,000	11,800,000	Two 30-inch crude-oil and numerous other pipelines extend from wharf to approximately one-hundred-and-eight steel storage tanks at plant in rear; total capacity 11,800,000 barrels. Wharf serves four 2-inch steam lines.
680	Tosco Refining Co., a division of Tosco Corp	Shipment and occasional receipt of petroleum products by barge.	25	450	50,000	See Referenced Dock in "Remarks"	Three 12- and nine 8-inch pipelines extend from wharf to steel storage tanks described under adjacent, company- owned Linden Wharf, Park Avenue Dock, Berths Nos. 1 and 2 (Ref. No. 440). Wharf serves a 4-inch steam line.

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New York, NY and NJ							
120	Mobil Oil Corp	Receipt and shipment of petroleum products by barge; and bunkering tankers berthed at wharf; supplying bunkering barges.	26	650	50,000	2,120,670	One 20-, three 16-, and nine 12-inch petroleum-product pipelines extend from wharf to steel storage tanks at terminal in rear: Commodity / No. of tanks / Total Capacity (Barrels) Bunker "C" 5 327,830 Lubricating oil 8 4,450 Petroleum products 30 2,120,670 One 38,400-barrel, slop storage tank is located at rear. At time of survey, lubricating-oil tanks were not in use. Wharf serves an 8-inch steam; a 4-inch sewer; and a 12-inch ballast line.
120	Mobil Oil Corp	Receipt and shipment of petroleum products; bunkering tankers berthed at wharf; and supplying bunkering barges.	26	850	50,000	See Referenced Dock in "Remarks"	Twelve 8-inch pipelines extend from wharf to storage tanks described under adjacent, company-owned Staten Island Wharf, Arthur Kill Road Dock, Berth No. 1 & Pier No. 1, Berth 1 (Ref. No. 492).
120	Mobil Oil Corp	Shipment of petroleum products by barge; and supplying bunkering barges.	15	1060	50,000	See Referenced Dock in "Remarks"	Twelve 8-inch petroleum-product pipelines extend from wharf to tankage described under company-owned Staten Island Wharf, Arthur Kill Road Dock, Berth No. 1 & Pier No. 1, Berth 1 (Ref. No. 492).
85	Reserve Terminal Corp.	Receipt and shipment of petroleum products by barge.	15	495	50,000	5,000,000	One 24- and five 12-inch petroleum-product pipelines extend from platforms to twenty-eight steel storage tanks at plant in rear; total capacity 5,000,000 barrels.
823	Amerada Hess Corp	Receipt and shipment of petroleum products by barge.	22	800	50,000	See Referenced Dock in "Remarks"	One 24-, two 14-, four 12-, and five 10-inch petroleum- product pipelines extend from wharf to steel storage tanks described under adjacent, company-owned Cliff Road Dock, Berth No. 1 (Ref. No. 462). Barges berth at referenced bulkhead on north side of wharf approach (Ref. No. 462); and at bulkhead on south side of wharf approach.
860	Motiva Enterprises, LLC	Receipt and shipment of petroleum products by vessel and barge.	31	750	50,000	1,791,900	Barges berth at rear of face on upper side in 12- to 14-foot water depths. Five 12-inch pipelines extend from wharf to twenty-five steel storage tanks at rear; total capacity 1,791,900 barrels.
860	Motiva Enterprises, LLC	Receipt and shipment of petroleum products by vessel and barge.	16	625	50,000	2,000,000	One 20-, seven 12-, and one 8-inch pipelines extend from wharf to forty steel storage tanks at rear; total capacity 2,000,000 barrels.

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New York, NY and NJ							
283	Consolidated Edison Co. of New York, Inc	Receipt of fuel oil by barge for plant consumption; and occasional shipment of waste-boiler wash water by barge.	17	400	50,000	143,600	Berth No. 1: Two sets of two 8-inch fuel-oil connections merged into one 12-inch header extending to a 12-inch fuel-oil pipeline served by two steel storage tanks; total capacity 53,600 barrels. Berth serves an 8-inch steam line extending from power plant in rear. Berth No. 2: Two 8-inch fuel-oil connections merge into same header described above. One 8-inch waste-boiler washwater pipeline; and one 6-inch steam line extends from power plant located at rear. Upper berth: One captive, fuel-oil storage barge serves three permanently-connected unloading arms supporting 8-inch pipelines extending to plant boilers, steel storage tanks, or pipeline serving 74th Street Power Plant (Ref. No. 267); total capacity 90,000 barrels.
283	Consolidated Edison Co. of New York, Inc	Occasional receipt of fuel oil by barge for plant consump- tion.	12	300	50,000	47,600	One 10-inch fuel-oil pipeline extends from dock to one steel storage tank at rear; total capacity 47,600 barrels.
48	Metro Terminals Corp	Occasional receipt of gasoline and heating oil by barge.	15	438	25,000	88,300	Four 6-inch pipelines on wharf connect with other pipelines extending to five steel storage tanks; total capacity 88,300 barrels. Wharf separated from company- owned Brooklyn Wharf, Upper Dock (Ref. No. 129) by 191 feet of stone-revetted natural bank.
48	Metro Terminals Corp	Occasional receipt of gasoline and heating oil by barge.	15	240	25,000	See Referenced Dock in "Remarks"	Five 6-inch pipelines on wharf, one inactive at time of survey (1998), connect with other pipelines extending to tankage described under company-owned Brooklyn Wharf, Lower Dock (Ref. No. 128).
76	Consolidated Edison Co. of New York, Inc	Receipt of fuel oil by barge for power-plant consumption.	40	400	50,000	261,900	Two 12-inch fuel-oil pipelines, one inactive at time of survey, extend from wharf to four steel storage tanks at plant in rear; total capacity 261,900 barrels. Wharf serves a 2-inch steam line.
223	GATX Terminals Corp	Receipt and shipment of petroleum products by barge.	32	1100	50,000	5,100,000	Two 14-, one 12-, six 10-, and fourteen 6-inch pipelines extend from wharf to ninety steel storage tanks at terminal in rear; total capacity 5,100,000 barrels.
223	GATX Terminals Corp	Shipment of petroleum products by barge.	32	210	50,000	See Referenced Dock in "Remarks"	One 12-, four 10-, three 8-, and three 6-inch pipelines extend from wharf to storage tanks described under adjacent, company-owned Berth No. 1 (Ref. No. 502).
716	ST Linden Terminal, LLC	Receipt and shipment of petroleum products by barge.	35	750	50,000	3,900,000	Three 18-inch pipelines extend from wharf to twenty-two steel storage tanks at plant in rear; total capacity 3,900,000 barrels.
716	ST Linden Terminal, LLC	Receipt and shipment of petroleum products by vessel and barge.	24	240	50,000	See Referenced Dock in "Remarks"	Two 18- and one 12-inch pipelines extend from wharf to steel storage tanks described under adjacent, company- owned Linden Wharf, S. Wood Avenue Dock, Berth No. 2 (Ref. No. 444).

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New York, NY and NJ							
138	Consolidated Edison of New York, Inc	Receipt of fuel oil for plant consumption by vessel and barge.	35	800	50,000	675,000	One 20-inch, steam-traced fuel-oil pipeline with two 12-inch connections extends from wharf to six steel storage tanks at rear; total capacity 675,000 barrels. One 20-inch fuel-oil pipeline connects storage tanks with those at company-owned Long Island City Power-Generating Station, 39th Avenue Dock (Ref. No. 150). Wharf serves a 3-inch foam, a 3-inch water, a 2-inch compressed air, and a 2-inch steam line extending from wharf to plant at rear. At time of survey (1998), plans called for closing the facility.
517	International Matex Tank Terminals - Bayonne	Receipt and shipment of petroleum products and receipt of asphalt, all by barge; loading harbor-bunkering barges.	24	940	50,000	11,150,000	Five 16-, one 10-, two 8-, and one 6-inch pipelines extend from wharf to approximately one-hundred-and- sixty-two steel, petroleum-product storage tanks, total capacity 11,150,000 barrels; and to forty-two steel, asphalt storage tanks, total capacity 412,000 barrels.
517	International Matex Tank Terminals - Bayonne	Receipt and shipment of petroleum products and asphalt by barge; and loading harbor-bunkering barges.	25	580	50,000	See Referenced Dock in "Remarks"	Five 16-, nine 12-, two 10-, eight 8-, one 6-, and two 2-inch pipelines extend from pier to storage tanks described under adjacent, company-owned Bayonne Wharf, E. 22nd Street Dock, Berth No. 1 (Ref. No. 333). Wharf serves a 4-inch slop line.
517	International Matex Tank Terminals - Bayonne	Receipt and shipment of petroleum products and asphalt; bunkering tankers berthed at pier; and loading harbor-bunkering barges at berth.	38	750	50,000	See Referenced Dock in "Remarks"	Two 30-, three 20-, four 16-, one 12-, and four 8-inch pipelines extend from pier to storage tanks described under company-owned Bayonne Wharf, E. 22nd Street Dock, Berth No. 1 (Ref. No. 333). Wharf serves a 6-inch slop line.
721	Citgo Petroleum Corp	Receipt and shipment of petroleum products by barge.	23	740	50,000	3,600,000	Six 12-inch pipelines with 6-inch connection on wharf extend from wharf to thirty-nine steel storage tanks at plant in rear; total capacity 3,600,000 barrels.
721	Citgo Petroleum Corp	Receipt and shipment of petroleum products by vessel.	20	250	50,000	See Referenced Dock in "Remarks"	Six 12-inch pipelines extend from wharf to storage tanks described under adjacent, company-owned S. Wood Avenue Dock, Berth No. 6 (Ref. No. 448).
739	GATX Terminals Corp	Receipt and shipment of chemicals and petroleum products by vessel.	35	700	50,000	5,000,000	Sixty pipelines ranging in size from 4- to 20-inches extend from wharf to forty-one petroleum-product storage tanks, total capacity 5,000,000 barrels; and to two- hundred-and-thirty chemical storage tanks, total capacity 75,600,000 gallons, all at plant in rear.
739	GATX Terminals Corp	Receipt and shipment of petroleum products by barge.	26	400	50,000	See Referenced Dock in "Remarks"	One 12-, two 10-, and four 8-inch pipelines extend from wharf to petroleum-product storage tanks described under adjacent, company-owned Carteret Wharf, Lafayette Street Dock, Berth No. 2 (Ref. No. 453).
118	City of New York.	Receipt of fuel oil by barge for plant consumption; and mooring fuel-storage barge.	10	200	25,000	10,000	One 4-inch fuel-oil pipeline extends from wharf to a 10,000-barrel-capacity permanently-moored, steel fuel- oil storage barge on north side of adjacent, company- owned Berth No. 5 (Ref. No. 542). At time of survey (1998), wharf was in poor condition.

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New York, NY and NJ							
118	City of New York.	Receipt of fuel oil by barge for plant consumption; fueling ferryboats; and mooring floating equipment & fuel- storage barge.	15	200	25,000	See Referenced Dock in "Remarks"	One 3- and one 2-inch fuel-oil pipelines extend from wharf to Pier No. 7, Berth 2 (for fueling ferryboats); and one 4-inch fuel-oil pipeline extends from wharf to adjacent, company-owned Staten Island (St. George) Wharf, Bay Street Pier, Berth No. 1 (Ref. No. 543) [for fueling ferries] from a 4,285-barrel, steel fuel-oil storage barge permanently-moored at wharf.
527	Amerada Hess Corp	Receipt and shipment of petroleum products; occasional loading of harbor-bunkering barges.	18	320	50,000	1,600,000	One 12-, two 10-, and two 4-inch pipelines extend from wharf to thirty-three steel storage tanks at terminal in rear; total capacity 1,600,000 barrels. Wharf serves a 4-inch steam-return line. Pipeline from this terminal also supplies storage tanks at company-owned Edgewater Terminal Wharf (Ref. No. 304).
527	Amerada Hess Corp	Receipt and shipment of petroleum products by tanker and barge.	36	300	50,000	See Referenced Dock in "Remarks"	One 24-, one 18-, and one 14-inch pipelines extend from wharf to storage tanks described under adjacent, company-owned Hook Road Dock, Berth No. 1 (Ref. No. 337). Pipeline from this terminal also supplies storage tanks at company-owned Edgewater Terminal Wharf (Ref. No. 304).
347	Consolidated Edison Co. of New York, Inc	Receipt of fuel oil by barge for plant consumption.	31	715	50,000	1,190,400	One 10-inch steam-traced pipeline with two 6-inch connections on east-breasting part of wharf; and one emergency 10-inch pipeline with 8-inch hose connection at east side of berth both extend to eight steel storage tanks at rear; total capacity 333,300 barrels. Pipelines connect to six steel storage tanks operated by New York State Power Authority, total capacity 857,100 barrels; and to those at Castle Astoria Terminals, Inc. (Ref. No. 155). One 6-inch pipeline extends from wharf to storage tanks described under company-owned Long Island City Wharf, 36th Street Dock (Ref. No. 151); and one 14-inch pipeline, blanked at time of survey (1998), extends from work platform to one steel, liquefied-natural-gas storage tank; total capacity 290,000 barrels. Wharf serves a 6-inch steam line with 2-inch connection.
347	Consolidated Edison Co. of New York, Inc	Receipt of fuel oil by barge for plant consumption at outer portion; mooring two emergency-service power barges at center portion; and mooring heavy-equipment transport barge at inner portion.	9	1230	25,000	47,600	One 10-inch pipeline with two 6-inch connections extends from outer portion of wharf to two steel storage tanks at rear; total capacity 47,600 barrels. Inner berth has one 40-foot-wide concrete-surfaced ramp with waterline at MLW for loading/unloading heavy equipment.
300	United States Government.	Landing for service boats; and handling construction materials, supplies, and equipment; occasional receipt of fuel oil by barge for plant consumption.	6	150	10,000	See Referenced Dock in "Remarks"	-
40	Consolidated Edison Co. of New York, Inc	Receipt of fuel oil by barge for plant consumption.	35	550	50,000	248,000	One 6-inch becoming two 10-inch pipelines extend from wharf to four steel storage tanks at plant in rear; total capacity 248,000 barrels. One 6- and one 8-inch pipelines, each with two hose connections, were not in use at time of survey (1998).

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New York, NY and NJ							
739	GATX Terminals Corp	Receipt and shipment of petroleum products by barge.	24	300	50,000	See Referenced Dock in "Remarks"	Fifteen 10- and two 8-inch pipelines extend from wharf to storage tanks described under company-owned Carteret Terminal Wharf, Lafayette Street Dock, Berth No. 1 (Ref. No. 453).
739	GATX Terminals Corp	Receipt and shipment of chemicals and petroleum products by barge.	35	700	50,000	See Referenced Dock in "Remarks"	Approximately one-hundred-and-twenty pipelines ranging in size from 4- to 20-inches extend from wharf to chemical and petroleum-product storage tanks described under company-owned Carteret Wharf, Lafayette Street Dock, Berth No. 2 (Ref. No. 453).
508	Fred M. Schildwachter & Sons, Inc	Receipt of heating oil by barge and small tanker vessels.	20	100	12,500	92,800	One 6-inch pipeline extends from dock to four steel storage tanks at rear; total capacity 92,800 barrels.
4	Consolidated Edison Co. of New York, Inc	Receipt of fuel oil by tanker and barge for plant consump- tion; mooring gas-turbine generator; and fueling barges.	28	720	50,000	71,400	Two 215- by 80-foot gas-turbine barges berthed to each side of breasting platforms, with two 210- by 40-foot fuel-storage barges at upper side and one on lower side, total capacity 71,400 barrels. One 10-inch fuel-oil pipeline with 6-inch hose connection at upper pier extension divides into 8-inch pipelines extending to each fuel-storage barge. Fuel oil, received on upper side of upper pier extension, has 6-inch pipelines extending from fuel-storage barge to the gas-turbine barges.
508	Fred M. Schildwachter & Sons, Inc	Receipt of heating oil by barge and small tanker vessels.	13	100	25,000	35,700	One 6-/8-inch and two 6-inch pipelines extend from dock to three steel storage tanks at rear; total capacity 35,700 barrels.
671	Stuyvesant Fuel Terminal Corp	Receipt of petroleum products by tanker; and occasional receipt and shipment by barge.	45	260	50,000	502,100	Four 12-inch pipelines, each with 8-inch hose connection: two steam-traced, insulated connected to loading arms; and one oil-traced insulated connected to manifold on platform. Pipelines extend to seven steel storage tanks at plant in rear; total capacity 502,100 barrels.
671	Stuyvesant Fuel Terminal Corp	Receipt and shipment of petroleum products by barge.	25	160	25,000	See Referenced Dock in "Remarks"	One 10-inch, steam-traced insulated; and two 8-inch pipelines with three 6-inch hose connections extend from wharf to storage tanks described under adjacent, company- owned 149th Street Dock, Berth No. 1 (Ref. No. 256).
671	Stuyvesant Fuel Terminal Corp	Receipt and shipment of petroleum products by barge.	20	160	25,000	See Referenced Dock in "Remarks"	Three 8-inch pipelines (one steam-traced and insulated) with three 6-inch hose connections extend from wharf to storage tanks described under company-owned E. 149th Street Dock, Berth No. 1 (Ref. No. 256).
681	Castle Oil Corp	Receipt and shipment of petroleum products by barge.	23	510	50,000	730,000	Six 8-inch pipelines, three on lower and three on center dolphins, becoming one 12-inch and two steam-traced, insulated 10-inch pipelines extend to eleven steel storage tanks at rear; total capacity 730,000 barrels.
564	International Matex Tank Terminals - Bayonne	Receipt and shipment of petroleum products by barge.	18	330	50,000	See Referenced Dock in "Remarks"	Seven 12- and one 8-inch pipelines extend from pier to storage tanks described under company-owned Bayonne Wharf, E. 22nd Street Dock, Berth No. 1 (Ref. No. 333).

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New York, NY and NJ							
564	International Matex Tank Terminals - Bayonne	Receipt and shipment of petroleum products and asphalt by vessel and barge.	17	470	50,000	See Referenced Dock in "Remarks"	Seven 12-, two 10-, and one 8-inch pipelines extend from wharf to storage tanks described under company-owned Bayonne Wharf, E. 22nd Street Dock, Berth No. 1 (Ref. No. 333).
564	International Matex Tank Terminals - Bayonne	Receipt and shipment of petroleum products; bunkering tankers berthed at pier; and loading barges for bunkering vessels at berth in harbor.	30	567	50,000	See Referenced Dock in "Remarks"	Two 16-, eight 12-, one 10-, and three 8-inch pipelines extend from pier to storage tanks described under company- owned Bayonne Wharf. E. 22nd Street Dock, Berth No. 1 (Ref. No. 333).
681	Castle Oil Corp	Receipt of petroleum products by tanker and barge; ship- ment by barge.	36	320	50,000	See Referenced Dock in "Remarks"	Two 12-inch pipelines, each with 8-inch hose connection, connect through manifold to one 18- and two 14-inch, steam-traced insulated pipelines extending from center dolphin to storage tanks described under adjacent, company-owned E. 138th Street Dock, Berth No. 1 (Ref. No. 259).
681	Castle Oil Corp	Occasional receipt and shipment of petroleum products by barge.	20	355	50,000	See Referenced Dock in "Remarks"	Three 8-inch pipelines with two 6-inch hose connections (one insulated and steam-traced) extend along rear of bulkhead forming two barge-loading stations on wharf. Pipelines extend to storage tanks described under company-owned E. 138th Street Dock, Berth No. 1 (Ref. No. 259). One 8-inch pipeline at south end of wharf, not in use at time of survey (1998), serves slop tank.
504	West Vernon Terminal Corp	Receipt of petroleum products by barge.	4	225	10,000	42,500	Two 6- and three 4-inch pipelines, each with two hose connections, extend from wharf to nine steel storage tanks; total capacity 42,500 barrels.
504	West Vernon Terminal Corp	Receipt of petroleum products by barge.	7	326	10,000	55,200	Four 6-inch pipelines extend from wharf to twelve steel storage tanks at rear; total capacity 55,200 barrels.
85	Reserve Terminal Corp.	Receipt and shipment of petroleum products by vessel and barge.	20	650	50,000	See Referenced Dock in "Remarks"	One 24- and five 12-inch pipelines extend from wharf to steel storage tanks described under adjacent, company- owned Woodbridge Wharf, Smith Street Dock, Berth No. 3 (Ref. No. 481).
201	GPU Generation Co., Inc	Receipt of fuel oil by barge for power-plant consumption.	14	730	50,000	399,000	At time of survey, mechanical-handling facilities were being maintained on standby basin. Two 10-inch pipelines extend from wharf to six steel storage tanks at rear; total capacity 399,000 barrels. Wharf serves a 2-inch steam line.
640	The Port Authority of New York and New Jersey.	Receipt of petroleum products by barge.	15	400	50,000	35,700	One 8-inch pipeline with 6-inch connection on wharf extends to one 35,700-barrel, steel storage tank at plant in rear.
240	Oil Services, Inc.	Receipt of petroleum products by barge.	11	234	50,000	20,200	One 8- and three 6-inch pipelines extend from face of wharf to one vertical and three underground steel storage tanks in rear; total capacity 20,200 barrels. At time of survey (1998), the three 6-inch pipelines were sealed.
340	Amoco Oil Co.	Receipt of petroleum products by barge.	15	200	50,000	26,600	One 8-inch pipeline extends from wharf to two steel storage tanks at rear; total capacity 26,600 barrels. Another 8-inch pipeline on wharf was blanked at time of survey (1998).

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New York, NY and NJ							
349	Concord Terminal Corp.	Receipt of petroleum products by barge.	12	706	50,000	66,650	One 8-inch pipeline with 6-inch connection extends from wharf to seven steel storage tanks; total capacity 66,650 barrels.
544	Bayside Fuel Oil Depot Corp	Receipt of petroleum products by barge.	8	230	50,000	48,400	Two 8- and four 6-inch pipelines extend from wharf to three steel storage tanks at rear; total capacity 48,400 barrels.
562	Amerada Hess Corp	Receipt of petroleum products by tanker and barge; and mooring vessels.	35	735	50,000	549,000	Two becoming one steam-traced, insulated 12-; one 12-; and one 10-inch pipelines extend from wharf to four flexible hoses on tower with five hose connections on wharf. Pipelines extend to ten steel storage tanks at rear; total capacity 549,000 barrels.
509	Bayside Fuel Oil Depot Corp	Receipt of petroleum products by barge.	5	200	10,000	35,000	Three becoming five 6-inch pipelines extend from wharf to five steel storage tanks at rear; total capacity 35,000 barrels.
717	Linden Roselle Sewage Authority.	Linden Roselle Sewage Authority: Occasional disposal of sludge by barge. ST Linden Terminal, LLC: Receipt and shipment of petro- leum products by barge.	20	300	50,000	See Referenced Dock in "Remarks"	Linden Roselle Sewage Authority: One 10-inch pipeline extends from wharf to sewage-disposal plant in rear. ST Linden Terminal, LLC: Four 12-inch pipelines extend from wharf to company-owned storage tanks described under company-owned Linden Wharf, S. Wood Avenue Dock, Berth No. 2 (Ref. No. 444).
719	Tosco Distribution, a division of Tosco Corp	Receipt and shipment of petroleum products by vessel and barge.	21	756	50,000	1,879,200	Six 12-, one 10-, and three 8-inch pipelines extend from wharf to twenty-five steel storage tanks at rear; total capacity 1,879,200 barrels.
735	Amoco Oil Co	Receipt and shipment of petroleum products by barge.	23	600	50,000	1,400,000	Five 8-inch pipelines extend from wharf to seventeen steel storage tanks at plant in rear; total capacity 1,400,000 barrels.
827	Public Service Electric and Gas Co	Occasional receipt of fuel oil by barge for plant consump- tion.	27	545	50,000	178,000	Two 12-inch pipelines extend from wharf to two steel storage tanks at rear; total capacity 178,000 barrels.
128	A. Tarricone, Inc	Receipt of petroleum products by barge.	14	300	25,000	111,900	Four 6-inch pipelines extend from upper side of wharf to eleven steel storage tanks at terminal in rear; total capacity 111,900 barrels. One 6-inch pipeline was not in use at time of survey,
548	Amerada Hess Corp	Occasional receipt and shipment of petroleum products by barge.	18	240	50,000	700,000	One 12-, one 8-, and one 6-inch pipelines extend to twelve steel storage tanks at plant in rear; total capacity 700,000 barrels. At time of survey (1998), the 6-inch pipeline was blanked. Storage tanks also supplied via pipeline from Bayonne, NJ terminal (Ref. Nos. 337-338).
264	Consolidated Edison Co. of New York, Inc	Receipt of fuel oil by barge for power-plant consumption; and shipment of waste-boiler washwater.	10	725	50,000	26,650	Inner portion of upper side of northeast wharf used for mooring wastewater disposal barge; outer portion used for mooring another fuel-oil barge when required. One 6-inch fuel-oil pipeline extends from southeast portion of pier to power plant at rear. Oil barge "Clean Energy No. 3," permanently-moored along inner portion of lower side of pier, has storage capacity for 23,800 barrels; outer portion of lower side used for mooring transient vessels. One 8- and one 4-inch, steam-traced insulated pipelines extend from northwest portion of wharf to six steel, fuel-oil storage tanks at power plant in rear; total capacity 2,850 barrels. One 6-inch, waste-boiler washwater pipeline extends from northeast portion of wharf to boilers at power plant. Lower side of wharf serves a 6- and 3-inch steam line.

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New York, NY and NJ							
3	Motiva Enterprises, LLC	Receipt and occasional shipment of petroleum products by barge; and fueling vessels.	17	400	50,000	1,150,000	Three 12- and four 10-inch pipelines extend from wharf to ten steel storage tanks at plant in rear; total capacity 1,150,000 barrels.
597	Westmore Fuel Co., Inc	Occasional receipt of petroleum products by barge.	7	120	10,000	28,600	Two 6- and one 4-inch pipelines extend from work platform to four steel storage tanks at plant in rear; total capacity 28,600 barrels.
32	Bayside Fuel Oil Depot Corp	Receipt of petroleum products by barge for local distribution.	13	245	50,000	68,200	One 8- and four 6-inch pipelines extend from wharf to ten steel storage tanks at rear; total capacity 68,200 barrels.
95	Ditmus Oil Associates, Inc	Occasional receipt of petroleum products by barge.	20	200	25,000	86,600	One 6-inch pipeline for gasoline; and one 6-inch pipeline for distillates extends from wharf to fourteen steel storage tanks at rear; total capacity 86,600 barrels.
851	Consolidated Edison Co. of New York, Inc	Receipt of fuel oil by barge for plant consumption; occa- sional shipment of waste-boiler washwater.	27	575	50,000	119,000	At time of survey (1998), upper 85 feet of bulkhead had collapsed and only the lower 400 feet of wharf was in use. One steam-traced, insulated, 20-inch fuel-oil pipeline with 6-inch connection extends from wharf to three steel storage tanks at rear; total capacity 119,000 barrels. One 6-inch, acid-wash solution pipeline extends from boilers at upper end of power plant in rear. Wharf spans 200 feet of water intake at upper end, served by an insulated, 6-inch steam line.
539	Oil Masters, LLC	Receipt of petroleum products by barge and small-tanker vessel.	10	230	25,000	51,944	Two 6-inch pipelines extend from wharf to six steel storage tanks at rear ~ one pipeline to four steel storage tanks, total capacity 38,720 barrels; and another pipeline to two steel storage tanks, total capacity 13,224 barrels.
368	Castle Astoria Terminals, Inc	Receipt and shipment of asphalt and petroleum products by vessel and barge.	34	950	50,000	1,386,000	An additional 400 feet of berthing space for barges is available at steel-sheet-pile bulkhead on west side. One 16- and one 12-inch steam-traced pipelines serve tanker berth; and two 10-inch pipelines serve barge berths at dock and those at bulkhead along creek, each extending to ten steel storage tanks; total capacity 1,386,000 barrels. Two 12-inch asphalt pipelines: one hot-oil traced serving barge berths at dock; and one serving bulkhead extend to one steel storage tank at rear; total capacity 140,000 barrels.
116	Bayside Fuel Oil Depot Corp	Receipt of petroleum products by barge.	6	200	10,000	39,300	One 8- and four 6-inch pipelines extend from bulkhead to five underground and one aboveground steel storage tanks; total capacity 39,300 barrels.
9	Skaggs-Walsh, Inc	Receipt of petroleum products by barge.	8	200	25,000	10,000	Two 6-inch pipelines extend from wharf to four above- ground, and one underground steel storage tanks; total capacity 10,000 barrels.
32	Coastal Oil of New York, Inc., a subsidiary of the Coastal Corp	Receipt of petroleum products by barge.	15	200	50,000	71,350	Two 8- and two 6-inch pipelines extend from wharf to four steel storage tanks at rear; total capacity 71,350 barrels.
61	Lewis Oil Co., Inc	Receipt of petroleum products by barge.	8	230	25,000	261,900	Two 6-inch pipelines extend from wharf to one steel, petroleum-product storage tank at terminal on opposite side of Shore Road; total capacity 49,600 barrels. Four- teen additional storage tanks at terminal were not in use at time of survey (1998); total capacity 212,300 barrels.

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New York, NY and NJ							
107	Commander Oil Corp	Receipt of petroleum products by barge.	8	340	50,000	59,500	One 8-inch pipeline with 6-inch connection on wharf extends to six steel storage tanks approximately 1/4 mile in rear; total capacity 59,500 barrels.
19	Shell Oil Products Co	Occasional receipt of petroleum products by barge.	12	633	25,000	38,100	Four 6-inch pipelines extend from wharf to ten steel storage tanks at rear; total capacity 38,100 barrels. Tanks connect to interstate pipeline system of Buckeye Pipeline Co.
54	Amoco Oil Co	Occasional receipt of petroleum products and distillates by barge.	13	141	25,000	152,400	Seven 10-inch pipelines with 6-inch connections on wharf extend to eleven steel storage tanks at rear; total capacity 152,400 barrels.
616	Getty Petroleum Marketing, Inc	Occasional receipt of petroleum products by barge.	17	300	50,000	29,000	Two 8-inch pipelines extend from wharf to four steel storage tanks at plant in rear, total capacity 29,000 barrels; tanks connect to interstate pipeline of Buckeye Pipe Line Co. Wharf's apron is enclosed with a fence.
108	Power Test Realty Corp.	Receipt of petroleum products by barge and small-tanker vessels.	5	400	10,000	29,200	Four 6-inch pipelines extend from wharf to six steel storage tanks at rear; total capacity 29,200 barrels.
501	Amoco Oil Co	Receipt of petroleum products by barge and small-tankER vessels.	5	220	10,000	90,650	Six 6-inch pipelines extend from East "Y" berth to twelve steel storage tanks at rear; total capacity 90,650 barrels; four 6-inch pipelines at West "Y" were blanked at time of survey.
495	City of Newark. (See Remarks, Ref. No. 403.)	Receipt of petroleum products by tanker; and shipment by barge.	35	700	50,000	745,200	One 20-, one 16-, and three 10-inch pipelines extend from three loading stations on wharf to fourteen steel storage tanks at terminal in rear; total capacity 745,200 barrels.
751	City of New York.	Occasional receipt of fuel oil by barge for plant consump- tion.	20	892	25,000	1,900	One steam-traced, insulated 6-inch pipeline extends from wharf to four steel, fuel-oil storage tanks inside plant; total capacity 1,900 barrels. Wharf, served by a 6-inch steam line, spans 30-foot water intake at upper end.
4	Stratus Petroleum Corp	Receipt and occasional shipment of petroleum products.	20	660	50,000	974,700	Six 14-inch pipelines extend from wharf to twelve steel storage tanks at plant in rear; total capacity 974,700 barrels.
18	Sun Co., Inc.	Receipt of petroleum products by vessel and barge.	17	800	50,000	604,000	Six 8-inch pipelines extend from wharf to twenty steel storage tanks at plant in rear; total capacity 604,000 barrels. A 14-inch pipeline extends to terminal from refinery in Marcus Hook, PA.
550	Gordon Terminal Service Co. of New Jersey, Inc	Receipt and shipment of chemicals by tanker and petroleum products by barge; loading bunkering barges.	38	760	50,000	795,000	Five 6-inch pipelines extend from wharf to six chemical storage tanks at rear; total capacity 4,956,000 gallons; and one 18-, one 12-, and twelve 6-inch pipelines extend from wharf to twenty-eight petroleum-product storage tanks also in rear; total capacity 795,000 barrels. Wharf serves a 6- and 2-inch pipeline for bunkering purposes.
395	Dowling Fuel Co., Inc	Occasional receipt of petroleum products by barge.	2	125	10,000	28,600	Four 8-inch pipelines extend from wharf to six steel storage tanks at plant in rear; total capacity 28,600 barrels. At time of survey (1998), two of the pipelines were not in use.
662	Federal Petroleum, LLC	Receipt and shipment of petroleum products by barge.	17	671	50,000	419,000	Three 8-inch pipelines extend from wharf to six steel storage tanks at plant in rear; total capacity 419,000 barrels.

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New York, NY and NJ							
433	Amerada Hess Corp	Receipt of petroleum products by barge.	10	480	50,000	235,800	Six 6-inch pipelines at lower berth; and one 8- and four 6-inch pipelines at upper berth extend to fifteen steel storage tanks at plant in rear; total capacity 235,800 barrels. Two barges can be unloaded simultaneously.
709	City of New York.	Receipt of diesel fuel and sludge by vessel; bunkering company-owned vessels.	25	1640	50,000	12,100	One 6-inch diesel-fuel pipeline extends from each berth to four steel storage tanks at plant in rear; total capacity 3,300 barrels. One 24-inch pipeline with four 12-inch connections at each berth, two in use at time of survey (1998), extends from wharf to two sludge storage tanks at treatment plant in rear; total capacity 2,991,700 gallons. One 14-inch wastewater pipeline extends from upper end of wharf to plant; and an 18-inch washwater pipeline connects with the existing 24-inch pipeline for clean-up of unloaded vessels. Wharf serves a 3-inch steam; and a 1 1/2-inch condensate line at each berth. One 8-inch, unused pipeline with connections to each berth extends from wharf to fuel-oil storage tanks at plant in rear; total capacity 8,800 barrels. A 4-inch bunkering line serves tanks at each berth.
62	Public Service Electric and Gas Co	Occasional receipt of kerosene by barge for plant consumption.	20	828	50,000	150,000	One 6-inch pipeline extends from wharf to one steel, kerosene storage tank at plant in rear; total capacity 100,000 barrels. One 10-inch, unused fuel-oil pipeline extended from wharf to a 50,000-barrel storage tank at plant in rear for plant consumption; fuel oil is now received from Amerada Hess Corp., Newark Terminal (Ref. No. 392) via a 12-inch pipeline.
42	Power Test Realty Co., Ltd. Partnership.	Receipt of petroleum products by barge and small-tanker vessel.	18	300	50,000	268,000	Four 8- and three 6-inch pipelines extend from wharf to eleven steel storage tanks at plant in rear; total capacity 268,000 barrels.
342	Mobil Oil Corp	Receipt of petroleum products by barge.	12	300	50,000	228,000	One 10- and two 8-inch pipelines, each with 8-inch connection on wharf, extend to eight steel storage tanks at plant in rear; total capacity 228,000 barrels.
48	GPU Generation Co., Inc	Receipt of fuel oil by barge for plant consumption.	14	200	25,000	159,000	Three 6-inch pipelines extend from wharf to five steel storage tanks at rear; total capacity 159,000 barrels.
218	Amerada Hess Corp	Receipt of heating oil by barge.	13	210	50,000	23,000	Two 10-inch pipelines, each with 6-inch hose connection: one extending from wharf to three steel storage tanks, total capacity 23,000 barrels;the other not in use at time of survey (1998).
2	Amerada Hess Corp	Receipt and shipment of petroleum products by barge.	26	238	50,000	658,000	Three 12-inch pipelines extend from wharf to ten steel storage tanks at plant in rear; total capacity 658,000 barrels.

Daily Total Port Capacity (Barrels)	4,427,500	85,855,014
Average Capacity	42,167	1,100,705
Number of Docks	105	

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New Haven, CT							
101	New Haven Terminal, Inc.	Receipt of petroleum products, petrochemicals, chemicals, copper, zinc, lumber, and steel products; occasional receipt and shipment of general cargo.	35	700	50,000	2,500,000	Pier has three transit sheds: Transit Shed No. 1, a 300- by 60-foot shed with concrete frame and asphalt floor, with 20-foot height inside a 15,750-square-foot floor area for cargo with unlimited load capacity. Cargo doors include six 12- by 17-foot at north side. Transit Shed No. 2, a 280- by 75-foot metal-covered shed with asphalt floor has height inside of 22 feet within a 15,680-square-foot floor area for cargo with unlimited load capacity. Cargo doors include six 14- by 15.5-foot at north side. Transit Shed No. 3, a 180- by 45-foot shed with steel frame and fiberglass walls, has 25-foot height inside a 6,750-square-foot floor area for cargo with unlimited load capacity. Cargo doors include three 14- by 16-foot at shipside. One 16-, one 12-, four 10-, four 8-, four 6-, and two 4-inch pipelines extend from pier to forty-six steel storage tanks at rear; total capacity 2,500,000 barrels. Storage tanks also connected to 12-inch inland pipeline of Jet Lines, Inc. Eleven buildings at rear and on opposite side of Waterfront Street have a total of 500,000 square feet of storage space; transit sheds serve as storage ware- houses when needed. In addition, six stainless-steel tanks for chemical storage have capacity for 388,500 gallons.
904	Magellan Terminals Holdings, LP	Receipt of petroleum products by tanker and barge, with shipment by barge.	36	700	50,000	1,400,000	Wharf and approach form 180-foot-wide slip with adjacent New Haven Heavy-Oil Wharf (Ref. No. 135). Two 12- and one 8-inch pipelines extend from wharf to twenty-two steel storage tanks at terminal in rear; total capacity 1,400,000 barrels.
107	Magellan Terminals Holdings, LP	Receipt and shipment of petroleum products by barge, with occasional receipt by tanker.	36	750	50,000	770,000	Four 12- and one 8-inch petroleum-product pipelines extend from wharf to sixteen steel storage tanks at rear; total capacity 770,000 barrels; and two 14-, two 12-, and two 10-inch petroleum-product pipelines extend from wharf to eleven steel storage tanks described under company-owned Forbes Avenue Pier (Ref. No. 127). Two additional 14-inch pipelines described under New Haven Terminal, Finger Pier (Ref. No. 120) connect to inland pipeline extending to tankage.
111	Lex Atlantic Corp.	Receipt and shipment of asphalt, petroleum products, cement, steel products, and miscellaneous dry-bulk materials including salt, sand, stone, and scrap metal; mooring harbor tugs; and occasional receipt and ship- ment of limited general cargo.	35	750	50,000	538,000	Gateway Towing: Company bases harbor tugs at inner end of north side of pier. A 3-acre, concrete-surfaced open storage area at rear has capacity for 80,000 tons of scrap metal. Lafarge North America: Four 12-inch pneumatic pipelines extend from pier to three concrete, cement storage silos at rear; total capacity 27,000 tons. Global YPF Repsol: Two 12-inch petroleum-product pipelines extend from pier to five steel storage tanks at rear, total capacity 538,000 barrels. Tankage also connects to a 12-inch inland pipeline of Jet Lines, Inc. Citgo Petroleum Corp.: One 12-inch asphalt pipeline extends from pier to two steel storage tanks at rear; total capacity 122,000 barrels.

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New Haven, CT							
112	Gulf Oil, LP	Receipt of petroleum products by tanker and barge.	35	735	50,000	538,000	Four 16-, one 10-, and one 6-inch pipelines extend from wharf to thirteen steel storage tanks at terminal in rear; total capacity 580,000 barrels. One 20-inch pipe- line extends from wharf to petroleum-product tankage described under adjacent Getty Petroleum Marketing, New Haven Pier (Ref. No. 125). Tankage also connected to 12-inch inland pipeline of Jet Lines, Inc.
114	Getty Petroleum Marketing, Inc	Receipt of petroleum products by tanker and barge.	15	260	50,000	84,000	Wharf is in line and contiguous with adjacent R & H Terminal, New Haven Pier providing for a total of 300 feet of continuous berthing space. One 12- and two 6-inch pipelines extend from platform to three steel storage tanks at rear; total capacity 84,000 barrels.
10	R & H Terminal, LLC	Receipt of petroleum products by barge.	15	300	50,000	125,000	Wharf is in line and contiguous with adjacent Getty Petroleum Marketing Corp., New Haven Pier (Ref. No. 125) providing for a total of 435 feet of continuous berthing space. One 10-, one 8-, and one 6-inch pipelines extend from platform to five steel storage tanks at terminal in rear; total capacity 125,000 barrels. Pier has approximately 400 feet of floating, oil-spill containment boom.
92	PSEG Power Connecticut, LLC	Receipt and occasional shipment of fuel oil by barge.	26	460	50,000	650,000	One 18-inch pipeline extends from pier to two steel storage tanks at power plant on shore at rear; total capacity 650,000 barrels. Wharf comes equipped with 1,200 feet of oil-spill containment boom.
96	PSEG Power Connecticut, LLC.	Receipt of petroleum products by tanker and barge; occa- sional shipment by barge.	31	750	50,000	1,768,700	One 18-, one 16-, two 14-, four 12-, and two 10-inch pipelines extend from wharf to twenty-one steel storage tanks approximately 1,600 feet in rear, total capacity 1,768,700 barrels. Tankage is connected to Jet Lines, Inc. by a 12-inch inland pipeline.

Daily Total Port Capacity (Barrels)	450,000	8,373,700
Average Capacity	50,000	930,411
Number of Docks	9	

Docks at New York BEA Ports Besides Port of New York, NY and NJ and Port of New Haven, CT							
10	Keyspan Energy, Inc	Receipt of emergency fuel oil by barge for plant consump- tion; and mooring company-owned vessels.	13	156	25,000	See Referenced Dock in "Remarks"	One 10-inch pipeline, blanked at time of survey (1998), is used for emergency receipt of fuel oil by barge for plant consumption.
10	Keyspan Energy, Inc	Receipt of fuel oil by barge for plant consumption.	38	825	50,000	1,900,000	One 24-inch pipeline extends from wharf to five steel storage tanks at power plant in rear; total capacity 1,900,000 barrels.
525	Mobil Oil Corp	Receipt of fuel oil by barge.	11	160	25,000	65,000	One 8-/6-inch pipeline extends from wharf to four steel storage tanks at rear; total capacity 65,000 barrels.

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New Haven, CT							
118	Mobil Oil Corp	Receipt of petroleum products by barge.	13	220	50,000	107,000	Three 8- and one 6-inch pipelines extend from wharf to seven steel storage tanks at rear; total capacity 107,000 barrels. At time of survey (1998), plans called for adding four additional dolphins in line with face to extend berthing capacity of wharf.
124	Keyspan Energy, Inc	Occasional receipt of fuel oil by barge for plant consump- tion.	8	600	50,000	35,700	One 8-inch fuel-oil pipeline extends from south center of wharf to three steel storage tanks at rear; total capacity 35,700 barrels. Wharf spans plant outfall approximately 350 feet from south end. North 680 feet of wharf, fronting power plant, formerly was used for receipt of coal for plant consumption. One 8-inch, unused, steam-traced insulated pipeline extended from south end of wharf to two steel storage tanks on opposite side of Shore Road; total capacity 3,500 tons. At time of survey (1998), pipeline was blanked and storage tanks emptied.
187	Market Span Corp	Receipt of fuel oil by barge for plant consumption.	14	398	50,000	451,000	Two 12-inch, steam-traced insulated pipelines with 6-inch connection on wharf extend to five steel storage tanks at plant in rear; total capacity 451,000 barrels. Wharf serves a 2-inch, insulated steam line.
5	Tosco Corp	Receipt and shipment of petroleum products by barge.	13	300	50,000	5,200,000	Three 12-inch pipelines, each with two 6-inch hose connections at outer cell, extend to twenty steel storage tanks at terminal in rear; total capacity 5,200,000 barrels, unloading rate 5,000 barrels per hour/loading rate 15,000 barrels per hour.
5	Tosco Corp	Receipt and shipment of petroleum products by vessel and barge.	60	1150	50,000	See Referenced Dock in "Remarks"	Two 24-inch pipelines extend 1.25 miles from wharf to unloading pumps on shore; thence to tanks described under adjacent, company-owned Northville Wharf, S. Shore Road Dock, Berth No. 1 (Ref. No. 206); combined rate of 10,000 barrels per hour, loading rate 30,000 barrels per hour.
192	RAD Energy Corp	Receipt of petroleum products by barge.	12	380	25,000	72,850	Five 6-inch pipelines extend from wharf to eight steel storage tanks at rear; total capacity 72,850 barrels.
192	RAD Energy Corp	Receipt of petroleum products by barge.	24	205	25,000	128,000	Four 6-inch pipelines extend from wharf to nine steel storage tanks at rear; total capacity 128,000 barrels. Two masonry buildings used as office and garage are located at rear.
136	Keyspan Energy, Inc	Receipt of fuel oil by barge for power-plant consumption.	29	720	50,000	626,000	Approximately 2 acres of open storage area is located at rear; one 48-inch, electric belt-conveyor extends from ground-level hopper to coal-fired power plant. Coal- handling equipment was not in use at time of survey (1998). Two insulated, steam-traced 10-inch pipelines, one with two hose connections; and one unused at time of survey with 8- and 6-inch hose connection, extend from wharf to four steel storage tanks at rear; total capacity 626,000 barrels. Wharf serves two 4-inch, insulated steam lines. Plant-water intake and outfall at rear of north and south ends of wharf, respectively.

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New Haven, CT							
138	Northville-Consolidated Petroleum Terminal, Inc., a division of Northville Industries Corp.	Receipt and shipment of petroleum products by barge and vessel.	20	400	50,000	2,500,000	Four 8-inch flexible hoses on adjustable rack serve three 12-inch pipelines connecting to three 8-inch pipelines, each with two 6-inch connections at barge dock; and three 16-inch pipelines extending from wharf 3.5 miles distant. Pipelines extend to thirty steel storage tanks at terminal on Belle Meade Road in East Setauket; total capacity 2,500,000 barrels.
35	Kosco.	Receipt of petroleum products by barge.	9	150	12,500	88,360	Three 6-inch pipelines extend from wharf to five steel storage tanks at rear; total capacity 88,360 barrels.
31	Frank's Fuel Wholesale, Inc	Receipt of petroleum products by barge.	7	300	10,000	22,300	One 6-inch petroleum-product pipeline extends from platform to three steel storage tanks at rear; total capacity 22,300 barrels. Barges breast against upper end of adjacent County Asphalt, Tarrytown Wharf (Ref. No. 97).
395	Mobil Oil Corp. and Consumers Oil Co., Inc.	Receipt of petroleum products by barge.	12	130	25,000	65,800	One 10- and one 8-inch pipelines extend from wharf to seven steel storage tanks at rear; total capacity 65,800 barrels.
396	Duck Island Terminal, Inc	Receipt of petroleum products by barge; and fuel oil for plant consumption. (See Remarks.)	14	160	25,000	146,000	One 8-, two 6-, and one 4-inch pipelines extend from wharf to eleven steel, petroleum-products storage tanks, total capacity 134,000 barrels; and to one steel, fuel- oil storage tank at rear, total capacity 12,000 barrels. The fuel-oil storage tank is connected to an 8-inch pipeline extending to adjacent Public Service Electric and Gas Co., Mercer Generating Station (Ref. No. 131).
588	Commander Oil Corp	Receipt of petroleum products by barge.	11	250	50,000	5,550,000	Four 8- and one 6-inch pipelines extend from wharf to twenty-one steel storage tanks at rear; total capacity 5,550,000 barrels.
100	Orange and Rockland Utilities, Inc	Receipt of fuel oil for plant consumption.	24	673	50,000	810,000	One 24-inch steam-traced pipeline extends from pier to six steel storage tanks at rear; total capacity 810,000 barrels.
202	Consolidated Edison Co. of New York, Inc	Receipt of fuel oil for plant consumption by barge; occasional mooring of company-owned vessels.	26	248	50,000	119,050	Two 8- and two 6-inch pipelines with 8-inch connections extend from wharf to two steel storage tanks; total capacity 119,050 barrels. Nuclear power plant at rear, with helicopter pad on lower end of wharf.
101	Coastal Oil New York, Inc	Receipt of petroleum products by barge.	31	400	50,000	476,190	One 16-, two 8-, and one 6-inch pipelines extend to eight steel storage tanks at terminal in rear; total capacity 476,190 barrels.
109	Sun Co., Inc. dba Sunoco.	Receipt of petroleum products by barge.	17	150	25,000	179,230	Three 8-inch pipelines extend from wharf to ten steel storage tanks in rear; total capacity 179,230 barrels. Pollution-control boat with floating, oil-spill containment boom is at center of approach.
115	Warex Terminals Corp	Receipt of petroleum products by barge.	21	150	25,000	275,000	One 12-, five 8-, and one 6-inch pipelines extend from wharf to ten steel storage tanks at rear; total capacity 275,000 barrels.
119	Mobil Oil Corp	Receipt of petroleum products by barge.	27	230	50,000	350,560	One 12-, three 10-, one 8-, and one 6-inch pipelines extend from wharf to nine steel storage tanks; total capacity 350,560 barrels. Steel tower with hose-handling winch on wharf was not in use at time of survey (1995).
101	Amerada Hess Corp	Receipt of petroleum products by tanker and barge.	32	400	50,000	1,497,700	One 24-inch pipeline with four 6-inch barge and three 8-inch tanker connections extends to ten steel storage tanks at rear, total capacity 1,462,000 barrels; and to two storage tanks at Central Hudson Gas & Electric Corp., Danskammer Power Plant approximately 1 mile north, total capacity 35,700 barrels.

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Dock	Owner	Purpose	Minimum Depth (Feet)	Berthing Largest (Feet)	Daily Capacity (barrels)	Storage Capacity (barrels)	Remarks
Port of New Haven, CT							
1	Point Street Terminal Corp	Occasional receipt of petroleum products by barge.	12	230	25,000	38,540	One 6-inch pipeline extends from wharf to four steel storage tanks at rear; total capacity 38,540 barrels.
101	Agway Petroleum Corp	Receipt of petroleum products by barge.	33	350	50,000	178,600	Two 10-inch pipelines extend from wharf to eight steel storage tanks at terminal in rear; total capacity 178,600 barrels.
692	Love/Effron Fuel Oil Co	Receipt of petroleum products by barge.	13	460	50,000	60,000	One 10-, one 8-, and one 6-inch pipelines extend from upper end of wharf to eleven steel storage tanks at rear; total capacity 60,000 barrels. A pollution-control boat with oil-spill containment boom moors at timber float 350 feet above wharf.
2	Heratagenergy Corp.	Receipt of petroleum products by barge.	13	250	25,000	89,650	Three 6-inch pipelines extend from wharf to thirteen steel storage tanks at rear; total capacity 89,650 barrels.
15	Meenan Peekskill, Division of Meenan Oil Co., Inc	Receipt of petroleum products by barge.	14	150	25,000	110,000	One 10-inch pipeline extends from wharf to six steel storage tanks on opposite side of railroad tracks in rear; total capacity 110,000 barrels.
48	Windsor Fuel Co	Occasional receipt of fuel oil by barge for plant consump- tion. (See Remarks.)	1	230	10,000	29,000	One 6-inch pipeline extends from wharf to four steel storage tanks at rear; total capacity 29,000 barrels. At time of survey (1998), receipt of fuel oil by barge had been suspended due to lack of sufficient water depth in the approach channel.
114	NRG Devon Operations, Inc	Receipt of fuel oil for plant consumption.	18	1400	50,000	480,000	One 12- and two 8-inch pipelines extend from wharf to four steel storage tanks at power plant in rear; total capacity 480,000 barrels.
111	Central Hudson Gas & Electric Corp	Receipt of fuel oil for plant consumption.	35	325	50,000	1,100,000	One 24-inch pipeline with two 10-inch connections extends from wharf to six steel storage tanks at rear; total capacity 1,100,000 barrels.

Daily Total Port Capacity (Barrels)	1,207,500	22,751,530
Average Capacity	37,734	758,384
Number of Docks	32	

Table D.6 – Page 17 of 17

Sources: U.S. Army Corps of Engineers, Navigation Data Center, Summarized Port Series Reports, Port Series No. 4, 2004 Ports of Southern New England (Bridgeport, New Haven, New London and Connecticut River, CT; Providence, RI; and Fall River, New Bedford, and Fairhaven, MA); Port Series No. 5, 1999 The Port of New York, NY and NJ, and Ports on Long Island, NY; Port Series No. 6, 1995 The Port of Albany and Ports on the Hudson River, NY; and Port Series No. 8, 1996 Ports of Philadelphia, PA; Camden, NJ; Wilmington, DE; and Ports on the Delaware River (http://www.ndc.iwr.usace.army.mil//ports/ps/psbooks.htm).

U.S. Army Corps of Engineers, Navigation Data Center, Port Facility Spreadsheet, Last updated 8/31/2012 10:52:41 AM, http://www.ndc.iwr.usace.army.mil/ports/data/port_facilities_no_milepoints.xlsx.

Port Series

No.	Ports
4	Bridgeport, New Haven, CT
5	The Port of New York, NY and NJ, and Ports on Long Island, NY
6	Ports on the Hudson River, NY
8	Ports on the Delaware River

Note: The size of the barge which can berth at a dock is assigned based on the depth at the dock and the berthing space.

If depth alongside is less than 8 feet:	Small barge (20.0 MB capacity)	
If depth alongside is greater than 8 feet:		
	pipelines are smaller than 8"	pipelines are 8" or larger
berthing space < 200 ft.	195-ft. barge (25.0 MB capacity)	275-ft. barge (50.0 MB capacity)
200 ft. < berthing space < 350 ft.	275-ft. barge (50.0 MB capacity)	350-ft. barge (100.0 MB capacity)
berthing space > 350 ft.	275-ft. barge (50.0 MB capacity)	350-ft. barge (100.0 MB capacity)

If a dock handles other commodities in addition to petroleum products, then the dock is assumed to handle petroleum products half the time and the dock capacity listed in the above table is divided in half.

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Waterborne Refined Pipelineable Petroleum Product Receipts and Shipments
For 2010 For New York Destination and Origin Market

	Gasoline and Jet Fuel (MBD)				Kerosene (MBD)				Distillate (MBD)				Total All Products
Receipts	Foreign Imports	Canadian Imports	Domestic Receipts	Total	Foreign Imports	Canadian Imports	Domestic Receipts	Total	Foreign Imports	Canadian Imports	Domestic Receipts	Total	(MBD)
Port of New York	284.9	4.3	12.1	301.3	0.2		4.7	5.0	137.4	45.4	43.7	226.5	532.9
New Haven Harbor, CT	22.7	4.8	50.0	77.4			0.4	0.4	3.0	5.2	61.5	69.6	147.4
Bridgeport Harbor, CT			12.5	12.5				0.0			8.8	8.8	21.3
Stamford Harbor, CT				0.0				0.0			1.7	1.7	1.7
Hempstead Harbor, NY			5.8	5.8				0.0			0.5	0.5	6.3
Port Jefferson Harbor, NY	0.5		11.2	11.7			0.2	0.2			4.6	4.6	16.5
Trenton Harbor				0.0				0.0			0.2	0.2	0.2
Hudson River, NY, Mouth of Spuyten Duyvil Creek (Harlem River) to Waterford, NY			81.2	81.2			1.2	1.2		0.7	37.1	37.8	120.3
Port of Albany, NY			61.0	61.0			1.2	1.2		0.7	21.6	22.3	84.5
Newburgh Harbor, NY			6.7	6.7			0.0	0.0			5.2	5.2	11.9
Port Ewen, NY			6.7	6.7			0.0	0.0			5.2	5.2	11.9
Poughkeepsie, NY			6.7	6.7			0.0	0.0			5.2	5.2	11.9
New York BEA	308.1	9.1	111.8	428.9	0.2	0.0	5.4	5.6	140.4	50.6	136.4	327.4	762.0

	Gasoline and Jet Fuel (MBD)				Kerosene (MBD)				Distillate (MBD)				Total All Products
Shipments	Foreign Exports	Canadian Exports	Domestic Shipments	Total	Foreign Exports	Canadian Exports	Domestic Shipments	Total	Foreign Exports	Canadian Exports	Domestic Shipments	Total	(MBD)
Port of New York	6.4	3.5	242.5	252.4	1.6		2.2	3.8	50.0	7.5	155.1	212.6	468.8
New Haven Harbor, CT	0.6		1.1	1.7			0.6	0.6	2.5		5.9	8.4	10.7
Bridgeport Harbor, CT				0.0				0.0				0.0	0.0
Stamford Harbor, CT				0.0				0.0				0.0	0.0
Hempstead Harbor, NY				0.0				0.0				0.0	0.0
Port Jefferson Harbor, NY				0.0				0.0				0.0	0.0
Trenton Harbor				0.0				0.0				0.0	0.0
New York BEA	7.0	3.5	243.6	254.1	1.6	0.0	2.8	4.4	52.5	7.5	161.0	221.0	479.5

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Waterborne Refined Pipelineable Petroleum Product Receipts and Shipments
For 2010 For New York Destination and Origin Market

	Gasoline and Jet Fuel (thousand short tons)			Kerosene (thousand short tons)			Distillate (thousand short tons)		
Receipts	Foreign Imports	Canadian Imports	Domestic Receipts	Foreign Imports	Canadian Imports	Domestic Receipts	Foreign Imports	Canadian Imports	Domestic Receipts
Port of New York	13,439	202	572	13		247	7,413	2,450	2,355
New Haven Harbor, CT	1,069	226	2,357			22	160	278	3,315
Bridgeport Harbor, CT			588						476
Stamford Harbor, CT									89
Hempstead Harbor, NY			272						27
Port Jefferson Harbor, NY	22		530			9			249
Trenton Harbor									11
Hudson River, NY, Mouth of Spuyten Duyvil Creek (Harlem River) to Waterford, NY			3,832			63		38	2,001
Port of Albany, NY			2,878			60		38	1,164
Newburgh Harbor, NY			318			1			279
Port Ewen, NY			318			1			279
Poughkeepsie, NY			318			1			279

	Gasoline and Jet Fuel (thousand short tons)			Kerosene (thousand short tons)			Distillate (thousand short tons)		
Shipments	Foreign Exports	Canadian Exports	Domestic Shipments	Foreign Exports	Canadian Exports	Domestic Shipments	Foreign Exports	Canadian Exports	Domestic Shipments
Port of New York	300	166	11,438	83		116	2,694	404	8,367
New Haven Harbor, CT	29		52			32	136		318
Bridgeport Harbor, CT									
Stamford Harbor, CT									
Hempstead Harbor, NY									
Port Jefferson Harbor, NY									
Trenton Harbor									