

United States Department of the Interior
National Park Service

National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. See instruction in How to Complete the National Register of Historic Places Registration Form (National Register Bulletin 16A). Complete each item by marking "X" in the appropriate box or by entering the information requested. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classifications, materials and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Washington Park Reservoirs Historic District

other names/site number Washington Park (City Park) Reservoirs 3 and 4

2. Location

street & number 2403 S.W. Jefferson Street not for publication

city or town Portland vicinity

state Oregon code OR county Multnomah code 051 zip code 97201

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, as amended, I hereby certify that this X nomination request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property X meets does not meet the National Register criteria. I recommend that this property be considered significant nationally statewide X locally.

Signature of certifying official/Title - Deputy SHPO _____ Date _____

Oregon State Historic Preservation Office
State or Federal agency and bureau

4. National Park Service Certification

<p>I hereby certify that the property is:</p> <p>Action</p> <p><u> </u> entered in the National Register <u> </u> See continuation sheet.</p> <p><u> </u> determined eligible for the National Register <u> </u> See continuation sheet.</p> <p><u> </u> determined not eligible for the National Register</p> <p><u> </u> removed from the National Register</p> <p><u>X</u> other (explain): <u>AD Accepted</u></p>	<p>Signature of the Keeper</p> <p>_____</p> <p>_____</p> <p>_____</p> <p><u>Edson H. Beall</u></p>	<p>Date of</p> <p>_____</p> <p>_____</p> <p>_____</p> <p><u>1.26.06</u></p>
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Washington Park Reservoirs Historic District
Name of Property

Multnomah, Oregon
County and State

5. Classification

Ownership of Property
(check as many as apply)

Category of Property
(check only one box)

Number of Resources within Property
(Do not include previously listed resources in the count)

- private
- public - local
- public - state
- public - Federal

- building(s)
- district
- site
- structure
- object

Contributing	Noncontributing	
<u>5</u>		buildings
		sites
<u>4</u>		structures
<u>2</u>		objects
<u>11</u>		Total

Name of related multiple property listing
(enter "N/A" if property is not part of a multiple property listing)

Number of contributing resources previously listed in the National Register

N/A

0

6. Function or Use

Historic Functions
(enter categories from instructions)

Current Functions
(Enter categories from instructions)

GOVERNMENT: public works
RECREATION: outdoor recreation
INDUSTRY/PROCESSING: waterworks

GOVERNMENT: public works
RECREATION: outdoor recreation
INDUSTRY/PROCESSING: waterworks

7. Description

Architectural Classification
(Enter categories from instructions)

Materials
(Enter categories from instructions)

LATE VICTORIAN: Romanesque

foundation: CONCRETE
 walls: ASPHALT
CONCRETE
 roof: _____
 Other: METAL: iron, EARTH

Narrative Description
(Describe the historic and current condition of the property on one or more continuation sheets)

See continuation sheets.

Washington Park Reservoirs Historic District
Name of Property

Multnomah, Oregon
County and State

8. Statement of Significance

Applicable National Register Criteria
(Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing).

- A** Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B** Property is associated with the lives of persons significant in our past.
- C** Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D** Property has yielded, or is likely to yield, information important in prehistory or history.

Areas of Significance
(Enter categories from instructions)

Community Planning and Development
Engineering
Architecture
Entertainment/Recreation

Period of Significance

1894-1953

Significant Dates

1894, 1920, 1945

Significant Person

(Complete if Criterion B is marked above)

Cultural Affiliation

Architect/Builder

Smith, Isaac, W.
Oliver, Charles

Criteria Considerations
(Mark "x" in all the boxes that apply)

Property is:

- A** owned by a religious institution or used for religious purposes
- B** removed from its original location
- C** a birthplace or grave
- D** a cemetery
- E** a reconstructed building, object, or structure
- F** a commemorative property
- G** less than 50 years of age or achieved significance Within the past 50 years

Narrative Statement of Significance
(Explain the significance of the property on one or more continuation sheets)

9. Major Bibliographical References

Bibliography (Cite books, articles, and other sources used in preparing the form on one or more continuation sheets) See continuation sheets

Previous documentation on file (NPS):

- preliminary determination of individual listing (36CFR67) has been requested
- previously listed in the National Register
- previously determined eligible by the National Register
- designated a National Historic Landmark
- recorded by Historic American Buildings Survey
- recorded by Historic American Engineering Record

Primary location of additional data:

- State Historic Preservation Office
- Other State agency
- Federal agency
- Local government
- University
- Other

Name of repository: Multnomah Co. Library

Washington Park Reservoirs Historic District
Name of Property

Multnomah, Oregon
County and State

10. Geographical Data

Acreage of Property 9.5

UTM References

(Place additional UTM references on a continuation sheet)

1	<u>10</u>	<u>523310</u>	<u>5040700</u>	3	<u>10</u>	<u>523305</u>	<u>5040225</u>
	Zone	Easting	Northing		Zone	Easting	Northing
2	<u>10</u>	<u>523440</u>	<u>5040330</u>	4	<u>10</u>	<u>523170</u>	<u>5040290</u>
5	<u>10</u>	<u>523180</u>	<u>5040735</u>				

Verbal Boundary Description

(Describe the boundaries of the property on a continuation sheet)

Boundary Justification

(Explain why the boundaries were selected on a continuation sheet)

11. Form Prepared By

name/title Cascade Anderson Geller

organization Friends of the Reservoirs date February 2003

street & number 1934 S.E. 56th Avenue telephone 503-232-0473

city or town Portland state Oregon zip code 97215

Additional Documentation

Submit the following items with the completed form:

Continuation sheets

Maps: A USGS map (7.5 or 15 minute series) indicating the property's location.
A sketch map for historic districts and properties having large acreage or numerous resources.

Photographs: Representative black and white photographs of the property.

Additional items (check with the SHPO or FPO for any additional items)

Property Owner

name City of Portland

street & number 1221 S.W. Fourth Avenue telephone 503-823-4151

city or town Portland state Oregon zip code 97204

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C.460 et seq.).

Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, PO Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Project (1024-0018), Washington, DC 20503.

**United States Department of the Interior
National Park Service**

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section _____ Page _____

SUPPLEMENTARY LISTING RECORD

NRIS Reference Number: 03001447

Date Listed: 1/15/2004

Washington Park Reservoirs

Historic District

Multnomah

OR

Property Name

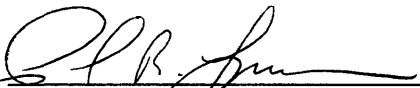
County

State

N/A

Multiple Name

This property is listed in the National Register of Historic Places in accordance with the attached nomination documentation subject to the following exceptions, exclusions, or amendments, notwithstanding the National Park Service certification included in the nomination documentation.



Signature of the Keeper

1/15/04

Date of Action

=====

Amended Items in Nomination:

Functions:

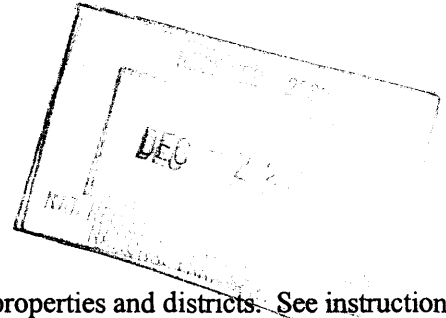
The Historic and Current Functions are amended to add: *Industry/Processing-Waterworks*

These clarifications were confirmed with the OR SHPO office.

DISTRIBUTION:

- National Register property file
- Nominating Authority (without nomination attachment)

United States Department of the Interior
National Park Service



NATIONAL REGISTER OF HISTORIC PLACES
REGISTRATION FORM

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1. Name of Property

historic name Washington Park Reservoirs Historic District
other names/site number Washington Park (City Park) Reservoirs 3 and 4

2. Location

street & number Res. 3 2549 S.W. Murray Ave. not for publication
Res. 4 2521 S.W. Murray Ave.
(previous street addresses have varied ie. 2403/2404 SW Madison St)
city or town Portland vicinity _____
state Oregon code OR county Multnomah code 051
zip code 97201

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this nomination _____ request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property meets _____ does not meet the National Register Criteria. I recommend that this property be considered significant _____ nationally _____ statewide locally. (_____ See continuation sheet for additional comments.)

James Hamrick
Signature of certifying official / Deputy SHPO

19 November, 2003
Date November 19, 2003

Oregon State Historic Preservation Office
State or Federal agency and bureau

In my opinion, the property _____ meets _____ does not meet the National Register criteria. (_____ See continuation sheet for additional comments.)

Signature of commenting or other official Date

State or Federal agency and bureau

6. Function or Use

Historic Functions (Enter categories from instructions)

Cat: Government Sub: public works
Recreation outdoor recreation

Current Functions

Cat: Government Sub: public works
Recreation outdoor recreation

(Enter categories from instructions)

7. Description

Architectural Classification (Enter categories from instructions)

LATE VICTORIAN: Romanesque

Materials (Enter categories from instructions)

foundation Concrete

basin Asphalt

walls Concrete

other Iron, Earth, Water

Narrative Description (Describe the historic and current condition of the property on one or more continuation sheets.)

See Continuation Sheet-

8. Statement of Significance

Applicable National Register Criteria (Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing)

- A Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B Property is associated with the lives of persons significant in our past.
- C Property embodies the distinctive characteristics of a type, period, or method of construction represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D Property has yielded, or is likely to yield information important in prehistory or history.

Name of Property

County, State

Criteria Considerations (Mark "X" in all the boxes that apply.)

- A owned by a religious institution or used for religious purposes.
- B removed from its original location.
- C a birthplace or a grave.
- D a cemetery.
- E a reconstructed building, object or structure.
- F a commemorative property.
- G less than 50 years of age or achieved significance within the past 50 years.

Areas of Significance (Enter categories from instructions)

- Community Planning and Development
- Engineering
- Architecture
- Entertainment/Recreation

Period of Significance 1894-1953

Significant Dates 1894, 1920, 1945

Significant Person (Complete if Criterion B is marked above)

Cultural Affiliation _____

Architect/Builder Isaac W. Smith

Charles Oliver

Narrative Statement of Significance (Explain the significance of the property on one or more continuation sheets.)

See Continuation Sheet-

9. Major Bibliographical References

(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

Previous documentation on file (NPS)

- preliminary determination of individual listing (36 CFR 67) has been requested.
- previously listed in the National Register
- previously determined eligible by the National Register
- designated a National Historic Landmark
- recorded by Historic American Buildings Survey # _____

Name of Property County, State

recorded by Historic American Engineering Record #

Primary Location of Additional Data

State Historic Preservation Office

Other State agency

Federal agency

X Local government

University

X Other

Name of repository: Multnomah County Library

10. Geographical Data

Acreage of Property 9.5

UTM References (Place additional UTM references on a continuation sheet)

	Zone	Easting	Northing	Zone	Easting	Northing	
1	10	523310	5040700	3	10	523305	5040225
2	10	523440	5040330	4	10	523170	5040290

See continuation sheet.

Verbal Boundary Description (Describe the boundaries of the property on a continuation sheet.)

Boundary Justification (Explain why the boundaries were selected on a continuation sheet.)

11. Form Prepared By

name/title Friends of the Reservoirs

organization %Cascade Anderson Geller date February 28, 2003

street & number 1934 SE 56th Avenue telephone 503-232-0473

city or town Portland state OR zip code 97215

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets

Maps

A USGS map (7.5 or 15 minute series) indicating the property's location.

A sketch map for historic districts and properties having large acreage or numerous resources.

Photographs

Representative black and white photographs of the property.

Washington Park Reservoirs Historic District Multnomah County, Oregon
Name of Property County, State

Additional items (Check with the SHPO or FPO for any additional items)

Property Owner

(Complete this item at the request of the SHPO or FPO.)

name City of Portland

street & number 1221 SW Fourth Avenue telephone 503-823-4151

city or town Portland state OR zip code 97204

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.).

Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Project (1024-0018), Washington, DC 20503.

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
City of Portland, Multnomah County, Oregon

Section 7 Page 1

Narrative Description

Reservoirs 3 and 4 are located in the eastern portion of Washington Park (originally City Park) in southwest Portland. City Park predates the reservoirs by 23 years. Today, Washington Park is 129.51 acres, bounded roughly by King's Hill neighborhood to the east, Burnside on the north, Jefferson Street to the south, and the Oregon Zoo on the west. The park is an active destination with softball and soccer fields, basketball court, six lighted tennis courts, playground, covered picnic area, children's playground, hiking trails, and public gardens including the International Rose Test Garden, the Japanese Garden, and Hoyt Arboretum and the Oregon Zoo. The reservoir site, with the deep, open water and romantic architecture is peaceful, offering a retreat from the more active recreation areas of the park. The area surrounding the reservoirs is defined by a perimeter chain link fence installed in 1970 by the Portland Water Bureau. The nomination consists of five contributing buildings (Gate Houses 3 and 4, Weir Building, Pump House 1, and the Generator House), four structures (Basins 3 and 4 with their parapet walls, fences, lampposts, walkways and carriageways and Dams 3 and 4), and two objects (water fountains at the Reservoir 4 site.)

Reservoirs 3 and 4, along with Mount Tabor Park Reservoirs 1, 2, 5, and 6, were constructed as part of the Bull Run water system, a gravity-fed mountain watershed system built during the late nineteenth and early twentieth centuries to provide the city of Portland with drinking water. Reservoirs 1, 3, 4, 5, and 6 continue to function as the city's primary water distribution sources. They serve as a recreational amenity as well, enriching the landscape of two of Portland's largest and oldest parks with vistas of deep open water, period historic structures, and water sounds from small gravity fed inlet waterfalls. Also, due to their location on hills on the east and west sides of the city, scenic views are afforded across the reservoir water. Reservoir 2, located at the southwest foot of Mount Tabor Park was taken off line and sold in 1990. Reservoir 2 Gatehouse is listed in the National Register of Historic Places. The reservoirs were part of a Thematic National Register Nomination (never submitted) and are considered Rank 1 properties in the Portland Historic Resource Inventory of 1984.

Washington Park's Reservoir 3 is located east of the main east vehicle entry at Park Avenue that continues as a circular drive surrounding a grassy picnic knoll where a variety of views of this reservoir are provided. Reservoir 3 is a well-known and loved landmark of Washington Park. From the high point of the drive is a primary view of the water and historic features. Recent postcards tout this view as a Park Site on the Washington Park Shuttle. At the opposite point, the drive splits offering vehicle access upslope and west leading to the garden, arboretum and zoo, and to the north and west leading to the Arlington Heights neighborhood. Reservoir 3 is located to the west of this junction. The two reservoirs are separated by the straight dam face of Reservoir 3 that drops approximately 70 feet down to Reservoir 4.

South and down slope of Reservoir 3 is Reservoir 4 with its curved decorative dam facing S.W. Jefferson Street. Reservoir 4 is due west of the Kings Hill Historic District. The two reservoirs are connected by a series of buried piping. At the south end of Reservoir 4 the terrain is steep and the natural vegetation is thick outside of the perimeter chain link fence. Inside the fence, the area is more manicured around the reservoir basin. On the west a steep, forested slope defines the site. Grand vistas of the reservoirs, water, historic features, the city

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
City of Portland, Multnomah County, Oregon

Section 7 Page 2

skyline, Mount Hood and the Bull Run reserve from points on the west side of the district. The main east-side entrance road to the reservoir complex is closed to vehicle access near the junction of Southwest Park Avenue and Southwest Cedar Street. The perimeter fence encompasses the site with a footpath following the fence line north and south on the east side of the reservoir providing views of this reservoir and its features in its entirety. This walk also provides a striking view of the dam face and Pump House of Reservoir 3. Mass transit light rail tracks pass to the south end of the reservoir. The south dam face of Reservoir 4, with its large, raised "1894" numerals that are highly visible for auto and pedestrian traffic from Southwest Jefferson Street, are a primary Portland landmark.

RESERVOIR 3

The northern reservoir is Reservoir 3 at an approximate elevation of 299.5 feet above the low water mark of the Willamette River. The water in this reservoir supplies "high service" for the higher west hill population of the City. Reservoir 3 covers 2.02 acres. It is irregularly shaped, approximately 200 feet east and west, and 500 feet north and south with a capacity of 16.4 million gallons. It is the deepest of all of Portland's reservoirs with a depth of 49 feet. A gatehouse, built in 1894, and a later Weir Building (Screen House) are located at the southeast end. Reservoir 3 and its companion Reservoir 4 to the south are both located in a natural ravine. A concrete dam forms the south wall of Reservoir 3. The other faces were constructed to conform, with some modification, to the existing slopes at an approximate slope of 1:1. The dam, basin lining, parapet wall, gatehouse and weir building are all constructed of poured-in-place, reinforced concrete.

Contributing buildings, structures, and objects

Basin and Accompanying Features

The basin's concrete lining was reportedly reinforced with Ernest Leslie Ransome's patented "twisted iron" square bars placed ten feet on center in each direction and anchored at ten-foot intervals by iron bars driven a depth of 3 to 20 feet into the slopes and embedded in concrete. Early photographs show a buttress along the west wall of the basin, likely installed as part of the landslide repair. Adjacent to the Gatehouse (and under water) is a flight of approximately 50 steps to the basin floor. The basin was originally lined with asphalt for waterproofing. Various other waterproofing materials have been applied since that time. For the past twenty years, it has been covered with a geomembrane liner. According to an 1895 newspaper account, water "jets" were installed along the perimeter of the basin to provide aeration. They were set at an angle so that columns of water were thrown toward the center of the basin. No other documentation for these "fountains" was found. The basin shows signs of distress with some cracking, especially on the south wall. The west wall shows effects of the Washington Park landslide, including some bulging of the concrete panels now covered by the liner. The basin is good condition overall.

Encircling the basin is a 3-foot high concrete parapet wall topped by an ornamental wrought iron fence. Designs for the wall and fence were identical for Reservoirs 1, 3 and 4. The wall has a raised diamond motif set in recessed panels. The fence is made up of 1-inch square uprights between, 5 and 6 feet high, with tops

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
City of Portland, Multnomah County, Oregon

Section 7 Page 3

hammered into spear shapes. Double-scrolls are screwed on to secure the uprights to cross bars. Every other bar is approximately 4 inches taller and on these bars are two 3-inch hammered leaves. These are forged opposite of each other from two sides of the metal bar. At approximately twelve-foot intervals are taller bars. These have ball decorations below spear-shaped tops and are braced with curved bars on the water side of the wall. Incorporated into the fence are wrought iron lampposts of two designs; single and triple gas lamp fixtures. Their bases, shafts and tops are made up of various forms of scrolled bars and the hammered leaf motif is repeated from the fence. In the 1970s, the Water Bureau encircled the basin with freestanding aluminum fixtures with conical shades and ceased to use the historic arc lamps. The parapet wall has some cracking, spalling and efflorescence. The wrought iron fence is sound but the finish shows distress. It is in good condition but refinishing is advisable.

A concrete walkway surrounds the parapet wall and was intended to serve as a promenade, while draining storm water away from the reservoir. At the north end of the basin a wide flight of concrete steps, flanked by concrete jardinières, connects the walkway to one of the principal drives through Washington Park. The chain link fence now enclosing the reservoirs blocks the stairs at the top and the stairway and jardinières are overgrown with ivy. Along the walkway east of the basin is a poured-in-place, reinforced concrete wall cast and finished to look like stone. The walkway shows the effects of the landslide with cracking, buckling and some spalling especially on the west side. Overall, it is in good condition.

Dam

At the south end where the upper ravine narrows, the curved V-shaped dam with a 400-foot radius forms the south wall of Reservoir 3. It is approximately 175 feet long, 30 feet thick at the base and 20 feet thick at the top. The exposed southern face of the concrete and earth dam is decorated with a Romanesque-style blind arcade and the concrete is finished to look like stone. On top of the dam sits a massive concrete balustrade and a approximate ten-foot wide carriageway with walkways on either side. Originally, this carriageway continued south to Reservoir 4. The large 3-light ornamental wrought iron gas lanterns at each end of the carriageway are still mostly intact. Set into the dam is a concrete block with the patent numbers for the concrete construction: "Ransome's Patent Construction 305229 and Ransome's Patent Concrete Finish" (number illegible). Though some cracking is apparent, the dam appears to be in good condition.

Gatehouse

At the southeast end of the reservoir is the Gatehouse. Romanesque in style, the oval shaped building is constructed of rusticated reinforced concrete with a flat slightly projecting roof. Although concrete, the wall was cast in the form of coursed, stone-like blocks. The wall surface was then bush-hammered and tooled to give the appearance of natural stone. It has a pronounced water table and double hung wood-sash round arched windows, four over four, with rusticated concrete sill and surround. The building has a double door on the east. This door is similar in design to the windows with a wood sash fanlight and rusticated concrete surround; the original wood paneled doors themselves however were replaced with plain metal doors in the 1980s. Below its slightly projecting roof slab is a paneled frieze, and below that a corbelled band. The Gatehouse contains inlet

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
City of Portland, Multnomah County, Oregon

Section 7 Page 4

and outlet piping, sluice gates, overflow piping, a weir and a steel holding tank. Some cracks appear in the walls, floor, and roof, but the structure is in good condition.

Water is delivered to Reservoir 3 from Mount Tabor Reservoir 1 (and Reservoir 5 after its construction in 1911). Both lines pass through sluice gates. Water leaves through the Gatehouse and is routed through two pipelines one of which passes through Pump Station Number 1 to Reservoir 4. A steel pipe extends around the perimeter of the reservoir and is tied to the irrigation system as well as washdown. Washdown water is drained through the outlet at the dam wall and a subsequent drain line. Site drainage is routed to catch basins and concrete ditches along the sidewalk.

36 Weir Building

Adjacent to the east is a smaller utilitarian concrete "36 Weir Building" (Screen House). Construction of this building is thought to date back to the building of the Westside Supply Line in 1945. It has a metal door facing east and two over two fixed pane wood windows on each of the other facades. Concrete steps lead up to this building. It is in good condition.

RESERVOIR 4

Reservoir 4 is, to the south of and 70 feet below Reservoir 3 approximately at an elevation of 229.5 feet above the low water level of the Willamette River. The reservoir water supplies "low service" to Portland's west side. The reservoir is irregularly shaped, 40 feet deep (second deepest of Portland's reservoirs), approximately 200 feet east and west, and 700 feet north and south with a capacity of 17.6 million gallons and covers 2.28 acres. A Gatehouse is located at the east end. A dam forms the east wall of the Reservoir. The other faces were built to conform, more or less, to the natural slopes at an approximate 1:1 slope. The exposed face of the reinforced concrete dam was formed in stone-like blocks, which were then bush-hammered and tooled as if they were natural stone. At the base are large coursed blocks. Above this base is a blind arcade and above this a dentil course. The whole is topped by a massive balustrade. A ten-foot wide walk runs across the top of the dam. At each end there were originally three-globe iron lanterns. Only the concrete pedestals remain.

Contributing buildings, structures, and objects

Basin and Accompanying Features

There is a ramp along the west slope of the basin. The lining was originally waterproofed with an asphalt coating. Various other waterproofing materials have been applied since that time.

Like Reservoir 3, the basin's concrete lining was reportedly reinforced with Ernest Leslie Ransome's patented "twisted iron" square bars placed ten feet on center in each direction and anchored at ten-foot intervals by iron bars driven a depth of 3 to 20 feet into the slopes and embedded in concrete. The basin was originally lined with asphalt for waterproofing. The reservoir basin is in relatively good condition with typical distress conditions primarily in the concrete panel joints. According to an 1895 newspaper account, nozzles or

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
City of Portland, Multnomah County, Oregon

Section 7 Page 5

fountains were originally installed at 50-foot intervals around the periphery of the basin. They were set at an angle so that columns of water were thrown toward the center of the basin. No other documentation for these fountains was found. Some cracking exists in the floor of the basin and some concrete panels were replaced in the 1980's. The basin is in good condition overall.

Encircling the basin is a 3-foot high concrete parapet wall topped by an ornamental wrought iron fence. Like Reservoir 4, the wall has a raised diamond motif set in recessed panels. The fence is made up of 1-inch square uprights between, 5 and 6 feet high, with tops hammered into spear shapes. Hammered double-scrolls are screwed on to secure the uprights to cross bars. Every other bar is approximately 4 inches taller and on these bars are two 3-inch hammered leaves. These are forged opposite of each other from two sides of the metal bar. At approximately twelve-foot intervals are taller bars. These have ball decorations below spear-shaped tops and are braced with curved bars on the water side of the wall. Incorporated into the fence are wrought iron gas lampposts of two styles, a single lamp and a triple lamp. Their bases, shafts and tops are highly ornate made up of various forms of scrolled bars with the hammered leaf motif repeated from the fence. In the 1970s the Water Bureau encircled the basin with freestanding aluminum fixtures with conical shades and ceased to use the historic arc lamps. The parapet wall has cracking and spalling but is sound and in overall good condition. The cast iron fence needs to be refinished, otherwise the ironwork on the fence and lampposts are in good condition. The lamps need to be refurbished and put back into service.

A concrete walkway surrounds the parapet wall and was intended to serve as a promenade, while draining storm water away from the reservoir. At the north end of the basin a wide flight of concrete steps, flanked by concrete jardinières, connects the walkway to one of the principal drives through Washington Park. The chain link fence now enclosing the reservoirs blocks the stairs at the top and the stairway and jardinières are overgrown with ivy. Along the walkway east of the basin is a poured-in-place, reinforced concrete wall cast and finished to look like stone. Along the southwest curve is a poured-in-place, reinforced concrete retaining wall, cast in the form of stone-like blocks that were then bush-hammered. Set into this wall are two blocks giving patent numbers for the concrete construction: Ransome's Patent Construction 30522 (last digit illegible) and Ransome's Patent Concrete Finish 105800. The walkways have some cracking and spalling, but are in generally good condition.

Dam

The straight dam is approximately 250 feet long, 50 feet thick at its base and 13 feet thick at its top. The exposed southern face of the concrete and earth dam is decorated with a Romanesque style blind arcade and the concrete is finished to look like stone. Large individual numerals reading "1894" are applied to the south wall of the dam. The exact date of the installation of the numerals is unknown but they are apparent in a photograph taken in 1900. On top of the dam sits a massive concrete balustrade and an approximately ten-foot wide walkway. The dam and its features appear to be in good condition with some cracking apparent.

Gatehouse

The Gatehouse located inside Reservoir 4 at the center east of the dam and was built in the form of a round tower. Below its slightly projecting roof slab is a paneled frieze and below that a corbelled band. The

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
City of Portland, Multnomah County, Oregon

Section 7 Page 6

remainder of the wall was cast in the form of coursed, stone like block. The wall was then bush-hammered and tooled to give the appearance of natural stone. Windows are wood round-arched with four over four, double-hung sash. Metal screens have been added. A steel platform with valves is located on the west elevation. Cast into the floor slab are circular sidewalk type lights and this patent information: Ransome's Patent Construction 305229 and Ransome's Patent Light 448993. The Gatehouse contains inlet and outlet piping, a sluice gate, valves, overflow piping, and a steel holding tank. Alterations to the Gatehouse include replacement of the roof in 1987, replacement of original wood doors with metal doors. Water leaves the reservoir via the Gatehouse through a distribution line and a drain line. Cracks in various places in the gatehouse are the main sign of aging. The Gatehouse is generally in good condition.

Slopes to the east, south and west of the reservoir are planted with ivy. A basalt retaining wall runs along the east side of the drive west of the reservoir.

Pump House 1

Between Reservoirs 3 and 4, at the foot of the steep ravine below the Dam at Reservoir 3, is Pump House 1 (also referred to as Pump Station 1.) Built in 1894 at the same grade level as Reservoir 4, the pump house is a one-story reinforced concrete building. The wide doorway facing south is arched, originally with wooden window panels above the door in the arch. The arch windows appear to have been covered over with a type of patterned plexiglass. The two arched front windows have been covered and stuccoed. Other windows are wood, round-arched with four over four, double-hung sash covered with screens. Originally flat, a metal gabled roof was added at an unknown time. Pump House 1 contains the historic "Thumper," an 1894 Pelton wheel driven water pump that is still functioning. It was installed to regulate the water flow from Reservoir 3 to 4 and to discharge water to the west side distribution system. Originally, the pump also generated enough power to illuminate the park. Another supply line from the Pump House leads to the Reservoir 4 Gatehouse but is not in use. Cracks in the Pump House may have originated when modifications were made for the installation of 3 pumps in recent years. Some repairs have been made. The building is in good condition.

Generator House

Immediately east of Pump House 1 is the Generator House. Built in 1920, it is a small one-story rectangular flat-roofed concrete building with a dentilated cornice built into the side of the hill. It has three small horizontally pivoted wood framed windows just below the cornice. A metal door opens on the north elevation. It appears to be in good condition.

Water Fountains

Located at what was probably the historic entrance to the reservoir district, now defined by the chain link gates to the northeast of the basin of Reservoir 4, is a concrete fountain. It is approximately two and a half feet tall. A six faceted thick 18-inch bowl is seated on top of a short, decorative pedestal. The pedestal sits on top of a 3-inch high 18-inch wide concrete square. Water was evidently delivered to the bowl from a spout emerging from a 6-inch diameter concrete pipe with a flat-topped overhanging top piece. From this pipe, above the bowl a

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
City of Portland, Multnomah County, Oregon

Section 7 Page 7

smaller pipe emerges with a metal fitting that probably served as a spout. Although currently not serving its original purpose, the fountain is in good condition.

Another concrete drinking fountain stands on a 3-foot high pedestal on a concrete riser in front of the north-facing door of the Generator Building. A water spout for drinking is the middle of the 1-inch diameter bowl atop the pedestal. It appears to be in good condition.

Associated Landscaping at Washington Park Reservoirs Historic District

The most defining landscape principle of Reservoirs 3 and 4 is the open expanse of water, 49 feet deep and 40 feet deep, respectively. Because of the great depth and the due to the reflection of the towering fir trees that surround them, the water is a rich, deep hue. Situated in a natural deep ravine, their irregular shape, rusticated concrete structures and ornate wrought iron detailing of fences and lampposts, the reservoirs are a striking and elegant addition to the serene forest that makes up this end of Washington Park. From the high point on Southwest Murray at the northwest end of Reservoir 3, a striking view is provided of the water and all of the features of the reservoir. Reservoir 4 offers a grand vista from a point south along southwest Murray above the southwest side of the reservoir, of the City skyline, Mount Hood, and the watershed area, 50 miles to the east. A chain link fence encircles most of the site and a foot path traces the boundary of the fence. On the east side, the pathway follows a series of historic steps. In place for more than three decades, the fence is softened by the English ivy *Hedera helix* that makes for the primary ground cover surrounding the embankments. Other introduced ground covers include St. Johnswort *Hypericum calycinum* and periwinkle *Vinca major*. All trailing ground covers have been kept trimmed off the sidewalks and other structures, making a neat appearance, though the ivy has been allowed to cover original concrete planters and steps at Reservoir 3. The surrounding forest, not within the nominated boundaries, is composed primarily of Douglas fir *Pseudotsuga Menziesii*, western red cedar *Thuja plicata*, and big leaf maple *Acer macrophyllum* all predominating native tree species of the Pacific Northwest. Under story shrubs include other natives, evergreen Oregon grape *Mahonia aquifolium / nervosa*, rhododendrons *Rhododendron species*, and a variety of deciduous shrubs such as snowberry *Symphoricarpos albus*.

Summary Statement of Integrity

The Washington Park Reservoirs remain today largely intact and in as-built condition. While the basins have been relined numerous times, the character-defining elements such as deep open water, parapet walls, iron fences, lampposts, gatehouses and features exist today with minor modifications. These modern modifications have not been sensitive to the original architecture; full hollow-core metal doors replaced original wood doors in 1987, a gable roof (originally flat) now covers the Pump House and much of the original landscape elements are over grown. The 1980s era aluminum light fixtures surrounding the basins do not match the period, yet their illumination and reflection in the water after dark provides a connection with the original design that included light fixtures. The period lampposts should be refurbished and used to provide lighting. Newer buildings and structures are situated primarily in one area, limiting their visual impact on the historic resource.

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
City of Portland, Multnomah County, Oregon

Section 7 Page 8

The perimeter fencing allows viewing of the resource from the path that follows the fence line. General maintenance of the concrete and metal is needed on many of the resources. Some concrete repair is needed on various resources and the fence could be refinished. The historic interiors of the gatehouses are also intact including much of the mechanical equipment.

Though the Washington Park Reservoirs 3 and 4 are 109 years old, they remain today largely intact and in as-built condition. They also continue to function as the primary water source for Portland's west side. Protection of the watershed coupled with a well designed distribution system has given Portland high grade water since 1895 when it first flowed to the City's faucets. The following remarks are taken from recent reports on the district and offer a good overview of the resource:

No waterborne disease outbreak or water quality incident of public significance has ever been recorded in connection with Portland's open reservoirs...¹ All features in good condition. ...a detailed maintenance program could extend the useful life of the open reservoirs to the year 2050.²

¹ Montgomery Watson Harza. Open Reservoir Study: Phase I Summary Report. City of Portland, January, 2002.

² Montgomery Watson Harza. Open Reservoir Study, Draft TM 5.7 Facilities Evaluation, City of Portland. August, 2001.

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES Washington Park Reservoirs Historic District
CONTINUATION SHEET City of Portland, Multnomah County, Oregon

Section 8 Page 8

educated in Portland primary and secondary schools, but apparently acquired his engineering skills on the job rather than in the classroom. Prior to his employment by Smith, Oliver had worked in the City Engineer's office as chainman and roadman. Following 1895 he continued to work for the Water Department, primarily at the Bull Run headworks. James Dix Schuyler of Los Angeles, California was hired as a consulting engineer. His brother Phillip, was the first secretary of the Portland Water Committee. Schuyler designed and constructed the Sweetwater Dam near San Diego and engineered the Hemst Dam in Riverside County, California.

Of the construction, Oliver observed: "I was superintendent of construction on Reservoirs Nos. 1, 2, 3 and 4 during the great depression of 1893 and 1894. They did not call it a depression then, but used the more expressive term, 'hard times'. The Water Committee built all of the reservoirs by day labor, except the excavation that was let by contract. Lawyers, doctors, dentists, accountants, and all classes of men were employed on the work as day laborers at \$1.50 per day for common labor, and they were glad to get it. Men with families were employed almost exclusively. At times we had as many as 1500 men on the payrolls for the four reservoirs."¹³ In total, the reservoir system had 66 million gallons combined capacity, enough to supply the city for 4-5 days.

Completion: The conduit and distribution system took nearly two years and \$2.4 million to build. As the project neared completion, the Water Committee issued a report on its operations in October, 1894:

*Millions of dollars have been spent, a great public work carried to completion; no scandal exists; no charges of mal-administration are made; not even a hint of speculation is suggestion . . . The work of the Committee is practically done. It must be judged by its works. The City of Portland will have a supply of water which for purity is probably unexcelled anywhere in the world.*¹⁴

Upon completion, an Oregonian article of January 1, 1895 stated, *When this work is completed the brilliantly lighted walks surrounding the reservoirs will be the most popular promenades in the city during the evenings of the warmer months of the year ... These walks afford a delightful promenade for visitors who are separated from the basin itself by a concrete wall surmounted by a neat fence. All the reservoirs have been constructed in the most substantial manner and the effect of harmony it was possible to obtain by a little attention to the adornment of the finished work has not been overlooked by the engineers in charge.*¹⁵

Meeting their construction deadline, on January 2, 1895, Bull Run water flowed into the city for the first time. In an ironic twist, it was Governor Pennoyer, perhaps accustomed to the fuller flavor of Willamette River water, who took the ceremonial first drink and announced its inferior quality: "No Body!"¹⁶

Washington Park Reservoirs: Situated in a natural ravine, the site for Reservoirs 3 and 4 was determined by geography and availability of land. All of Reservoir 3 and most of 4 is located in the original 40.78-acre portion of Washington Park, originally called City Park. In 1871, the city had purchased the land from Amos King for \$32,000. The area bounded by Lovejoy on the north, Jefferson on the south, 18th on the east and into Washington Park to the point at which 33rd Avenue would have connected was originally part of King's

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES Washington Park Reservoirs Historic District
CONTINUATION SHEET City of Portland, Multnomah County, Oregon

Section 8 Page 11

to the approximately 120 square mile Bull Run watershed. In December, 1903, the Water Board officially requested limited entry, placing the site off limits to the public. President Theodore Roosevelt agreed that with the unique character of the land and on April 28, 1904 signed Public Law #206, popularly known as the Bull Run Trespass Act. Currently this watershed is still jointly managed by the city of Portland and the U.S. Forest Service. Public access is restricted.

While the Water Committee aggressively sought to create a long-term water system with capacity for 24,000,000 gallons per day, Portland's population continued to grow exponentially. Following the 1905 Lewis & Clark Exposition, Portland boasted 172,000 residents; nearly three times the number when construction on the Bull Run system began in 1893.

Shortly after the Exposition, the Water Board decided to build a second conduit, a \$3 million project that included two additional reservoirs and additional capacity of 50 million gallons per day and storage capacity of 125 gallons. While this project too would be funded by bonds, the process was considerably less rigorous. In 1902, Oregon voters had approved the Initiative and Referendum Amendment to the state constitution. This change allowed voters to create laws by direct ballot. In 1906, the voters approved an initiative that gave Oregon cities the right to amend their own charters. This change eliminated the need to go to the state legislature to raise debt. The City Council then referred the Water Board's request to the city voters, who narrowly approved the measure.

After some public debate, it was decided to build two additional reservoirs on Mount Tabor and, at the same time that land was being acquired for the reservoirs, to purchase additional land for creation of a public park. Early in 1909 sites for the reservoirs were secured and in October of that same year contracts were awarded to Robert Wakefield & Company for construction of Reservoirs 5 and 6. Both reservoirs were completed in 1911. Since that time no new open reservoirs have been constructed in Portland and the original reservoirs continue to supply water to Portland. By 1911, the physical structure of the Bull Run system was in place with headquarters, two conduits and six reservoirs.

In 1913, the city charter was revised and the Water Board transformed into a city bureau under the supervision of a City Commissioner. With the Bull Run system in place, the Bureau continued to concentrate on expanding capacity and distribution to meet the growth of the city. Though changes were made to the delivery system and the headwaters, the Water Bureau made no significant modifications to the aesthetic design of the reservoir system. In 1952, the Bureau completed a fourth conduit, with capacity of 100 million gallons per day. In 1981, an underground reservoir was added at Powell Butte with capacity of 50 million gallons. In addition, the system has 69 smaller tanks and standpipes with a capacity of 68.2 million gallons located throughout the city.

Community Planning and Development in the Progressive Era

The Progressive Era was characterized by reform movement in all aspects of American life – labor, politics, engineering, recreation, and public health. The National Municipal League was formed in 1894 to review

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES Washington Park Reservoirs Historic District
CONTINUATION SHEET City of Portland, Multnomah County, Oregon

Section 8 Page 14

banks and contrived shapes that water storage reservoirs usually exhibited. In The Relation of Reservoirs to Parks, written in 1899, Frederick Law Olmsted, Jr. discusses the virtues of reservoirs in parks and sums up his views as follows:

*All reservoirs, have, in addition to their essential quality of storing water, an element of landscape effect; namely, that of an expanse of clear, sparkling water. This same element forms the chief feature of many landscapes in public parks, where it is created at large cost, and it is clearly a thing of great value to the public when it can be made available. In itself, regardless of its outline or setting, a body of water is beautiful and refreshing, and its value to the public is so well recognized that provision is very often made for giving the public access to the enclosure about a reservoir, whence it surface may be seen.*²⁵

Reservoirs 3 and 4 clearly benefited from thoughtful planning, both in the design of the gravity fed water system, still integral to water delivery in the city today, and in the architecture that graced the landscape. Although formal, the oval and round shapes of the gatehouses enhance the romantic character of the setting, conjuring images of “Old Europe.” This romanticism was typical of the period.

Concrete was only beginning to be considered a serious building material when the reservoirs were constructed. Collectively, the Bull Run system as built in 1894 is perhaps the earliest large application of reinforced concrete in the state and one of the earliest major reinforced concrete projects in the country. The headwaters, now demolished, and reservoirs with associated buildings were all constructed using a reinforced concrete system call “the Ransome System,” created in a series of patents by Ernest L. Ransome. The method of concrete construction used for the reservoirs had a patent, known as the “concrete and twisted iron patent.” The concrete finish was also patented, as were the circular lights cast in the concrete of the gatehouse floors and pump house roof, and even the concrete mixer itself.

Reinforced concrete first developed as a construction technique in the 1850s. The earliest accepted use of reinforcing in concrete was by Frenchman Jean-Louis Lambot in the early 1850s. He reinforced his concrete boats with iron bars and wire mesh. He also had some plans for using this material in building construction because he applied for patents in France and Belgium in 1856. About the same time, in 1854, William Wilkinson of Newcastle-on-Tyne erected a small two-story servant’s cottage reinforcing the concrete floor and roof with iron bars and wire rope. Wilkinson took out a patent on his technique and is generally credited with constructing the first reinforced concrete building. In the United States, the first building in reinforced concrete was by American mechanical engineer, William E. Ward, in Port Chester, New York, completed in 1875. Over the next quarter century, Ernest L. Ransome pioneered the development of reinforced concrete in the United States, while Europeans G. A. Wayss of Germany and Francois Hennebique of France paralleled Ransome’s innovations on the continent. Architectural critic Ada Louise Huxtable has described Ransome as the “Father of reinforced concrete” “As engineering and design, Ernest Ransome’s work deserves a prominent place in the story of American architectural advance.”²⁶

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES Washington Park Reservoirs Historic District
CONTINUATION SHEET City of Portland, Multnomah County, Oregon

Section 8 Page 15

Ernest Leslie Ransome (1844-1917) was born in Epswich, England. His family had engaged in the manufacture of agricultural machinery since the late eighteenth century and some of Ransome's ancestors had been inventors as well. Between 1844 and 1867 his father, Frederick Ransome, developed and manufactured a patented concrete stone. Following an apprenticeship in the family business, Ernest came to the United States to exploit his father's patent. He settled in San Francisco where he established a business to manufacture concrete blocks. His first notable innovation came in 1884 when he used twisted square bars as reinforcement, employing the technique in building the Arctic Oil Works completed that year. The round bars previously used had not established a good connection with the surrounding concrete. These twisted square bars, which came to be known as "Ransome bars," were used as reinforcement for Portland's reservoirs.

"Up to about 1888 my work in reinforced concrete was largely confined to what we now term small and unimportant structures," wrote Ernest Ransome in a contribution to the history of Reinforced Concrete.²⁷ His first major work was the 3-story Bourn & Wise wine cellar at St. Helena, California and the Academy of Sciences Building in San Francisco, both in 1888. The following year saw construction of the Alvord Lake Bridge in Golden Gate Park, the first reinforced concrete bridge in the United States. Besides the 1894 Portland Reservoirs, major works known using the Ransome system included the 1894 Stanford Museum in California and industrial buildings such as the 1897 Pacific Coast Borax Building in Bayonne, New Jersey, the 1903-04 Kelly and Jones Machine Shop in Greensburg, Pennsylvania. One of the largest projects using the Ransome system was the United Shoe Machinery complex in Beverly, Massachusetts, begun in 1902; that site was 74 acres and 3,340 linear feet. The same year, using the Ransome system, the 16-story Ingalls Building (Cincinnati, Ohio) was the first reinforced concrete skyscraper. It remained the tallest reinforced concrete building until 1923 when the Medical Arts Building was constructed in Dallas, Texas. Other concrete achievements utilizing the Ransome system in the era include construction of the first concrete street in Bellefontaine, Ohio in 1891, and the construction of the reinforced concrete Harvard Stadium in Cambridge, Massachusetts in 1904.

Summary of Significance

Of the more than 5,000 properties included in the last Portland Historic Resource Inventory only 52 were considered Rank 1 and of the 52, the reservoirs of Mount Tabor and Washington Park accounted for 6 of them. Quotes from the city's recent evaluation of the reservoirs offer a good summary of this resource:

...Reservoirs 3 and 4 are situated in the jewel of the Portland Parks System, Washington Park...The great amount of historical documentation available on these properties indicates their historical importance to the City. The reservoirs are historically significant as examples of early engineering, and serve as monuments to the social history of the City's growth and development. They provide an early example of a planned landscape, including the views and vistas into and out of the landscape."²⁸

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
City of Portland, Multnomah County, Oregon

Section 9 Page 1

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United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
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Section 9 Page 2

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National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
City of Portland, Multnomah County, Oregon

Section 9 Page 3

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United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Washington Park Reservoirs Historic District
City of Portland, Multnomah County, Oregon

Section 10 Page 1

VERBAL BOUNDARY DESCRIPTION

Washington Park Reservoirs Historic District is located in the eastern section of Washington Park in southwest Portland, Multnomah County, Oregon. The boundaries proposed for the National Register nomination include: beginning on the southwest and continuing north on the curb line of SW Murray where it is adjacent to the southwest finger of Reservoir 4 at the perimeter chain link fence line to the curve above Reservoir 3 continuing on the curb line east and then south to the intersection with SW Cedar Street where the boundary continues south on the curb line of SW Cedar Street to the location where SW Cedar Street makes a curve to the east continuing south at the trail head following the trail down the east side of Reservoir 3 down the 48 stairs and continuing on the fence line down the steep slope to the historic fountain which sits just outside the fence line where the boundary juts out to two feet around the fountain and then back to the fence line to the northeast corner of the chlorination building where the boundary turns west to the northwest corner of the building where the boundary turns south to the southwest corner of the building where the boundary turns east to the southeast corner of the building and the boundary continues south along the base of the earthen dam in a straight line south to the perimeter chain link fence turning southwest the length of the south side of Reservoir 4 and continuing north along the chain link fence through the steep and rugged ravine to the point of origin at the curb line of SW Murray following the natural perimeter of the steep ravine that holds the resource as depicted by the heavy solid line drawn on the accompanying map.

BOUNDARY JUSTIFICATION

The boundary follows the natural ravine terrain of the reservoir district and includes the basins and their features including the walkways, fences, and lampposts, the dams, carriageways, gatehouses, other buildings, objects, and the primary viewpoints on the west side of Reservoir 4 and at the northwest tip of Reservoir 3 significant to Washington Park Reservoirs Historic District. The perimeter fence, in place since 1970, follows the natural ravine site and generally marks the boundary, except for the area on the northeast side of Reservoir 4 where the boundary departs from the fence line to include a historic fountain.



WASHINGTON PARK RESERVOIRS
 HISTORIC DISTRICT
 MULTNOMAH COUNTY OREGON



0 250 500 1,000 Feet

Washington Park
Reservoirs Historic
District
Multnomah County
Oregon

Key to
Buildings,
Structures,
Objects

Reservoir 3
1 Basin & Features
2 Dam
3 Gatehouse
4 36" Weir Buildir

Reservoir 4
5 Basin & Features
6 Dam
7 Gatehouse
8 Pump House 1
9 Generator House
10 Fountain
11 Fountain

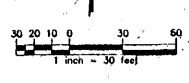
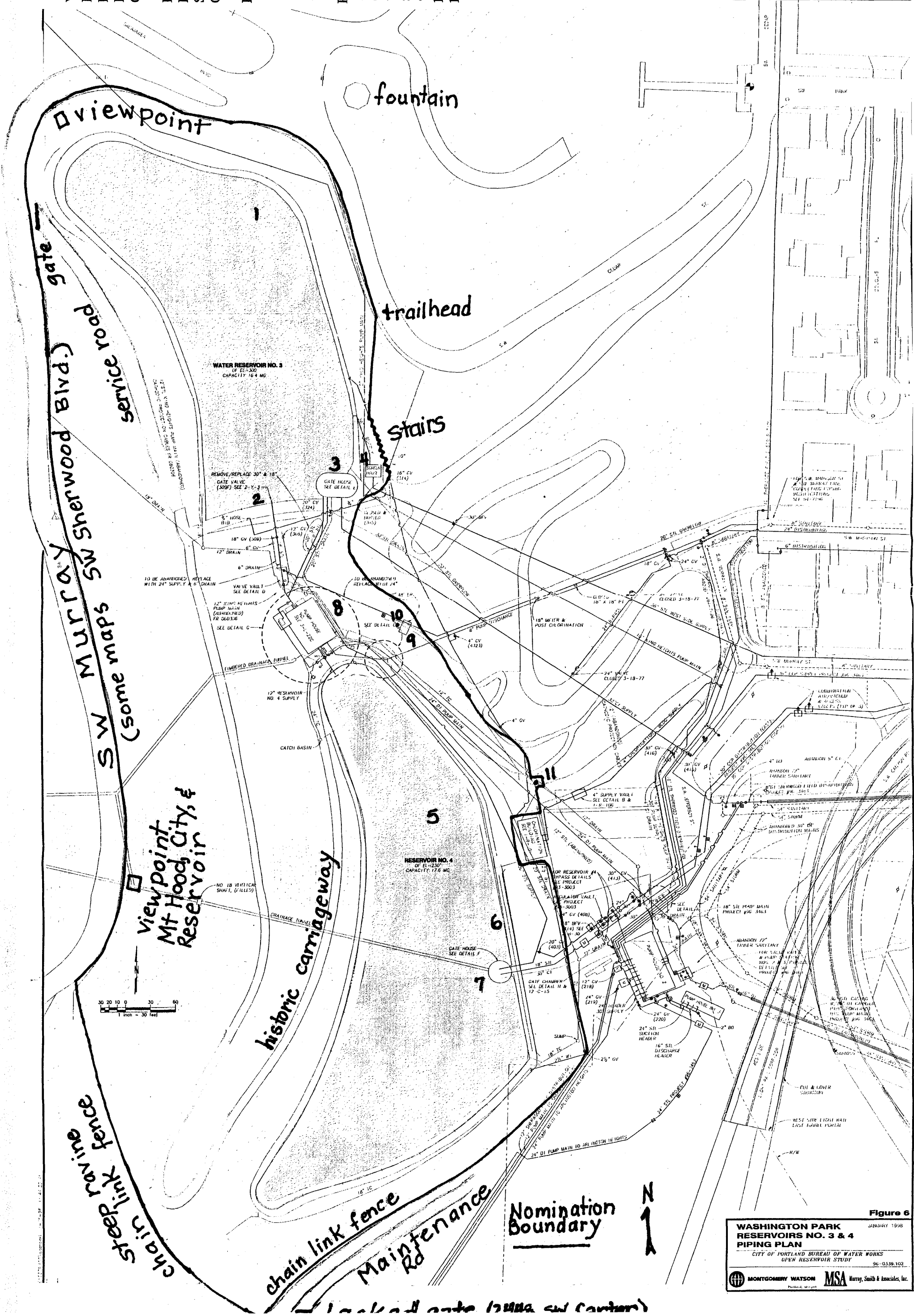


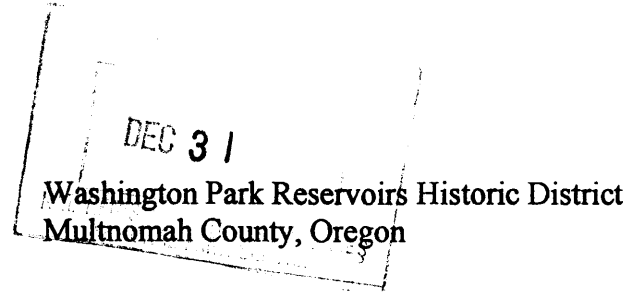
Figure 6

**WASHINGTON PARK
RESERVOIRS NO. 3 & 4
PIPING PLAN**
CITY OF PORTLAND BUREAU OF WATER WORKS
OPEN RESERVOIR STUDY
96-0359.102

MONTGOMERY WATSON MSA Murray, Smith & Associates, Inc.
Portland, Oregon

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET



Section _____ Page 1

Photo List for:
Washington Park Reservoirs
Historic District
City of Portland
Multnomah County, Oregon

The following information applies to all
photographs:

Photographer: Stu Levy

Photo date: February, 2003

Negative location: 1934 SE 56th Avenue,
Portland, Oregon 97215

View: Reservoir 3, looking southeast
Photo Number: 1

View: Reservoir 3, looking west
Photo Number: 2

View: Reservoir 3, Gatehouse & Carriageway,
looking east
Photo Number: 3

View: Reservoir 3, Gatehouse, looking south at
north elevation
Photo Number: 4

View: Reservoir 3, Gatehouse, looking
northwest at southeast elevation
Photo Number: 5

View: Reservoir 3, looking west at Gatehouse
& Weir Building (Screen House)
Photo Number: 6

View: Reservoir 3, Fence & Lamppost detail
Photo Number: 7

View: Reservoir 3, Dam, Balustrade, Blind
Arcade, and Pier
Photo Number: 8

View: Reservoir 4, looking south
Photo Number: 9

View: Reservoir 4, Gatehouse & view, looking
east
Photo Number: 10

View: Reservoir 4, Gatehouse, looking
southwest at north elevation
Photo Number: 11

View: Reservoir 4, Gatehouse and Dam
looking west
Photo Number: 12

View: Reservoir 4, Pump House 1, looking
northwest at south and east elevations
Photo Number: 13

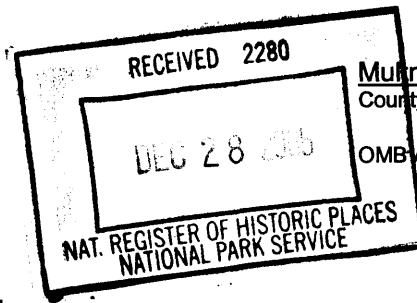
View: Reservoir 4, Pump House 1 and
Generator Building, looking northwest at south
elevations
Photo Number: 14

View: Reservoir 4, Water Fountain
Photo Number: 15

Washington Park Reservoirs Historic District
Name of Property

NPS Form 10-900-a

United States Department of the Interior
National Park Service



Multnomah, Oregon
County and State

OMB Approval No. 1024-0018

National Register of Historic Places Continuation Sheet

Section number 1 Page Amendment

Washington Park Reservoirs Historic District
2403 S.W. Jefferson Street
Portland, Multnomah County, Oregon

NRIS #03001447
List Date: January 15, 2004

Address Amendment

The purpose of this continuation sheet is to provide a new address for the Washington Park Reservoirs Historic District. The owner of the property, the city of Portland, supplied the correct address after the date of listing. The correct address for the nominated parcel is 2403 S.W. Jefferson Street, Portland, Oregon, 97201.

James Hamrick
Deputy State Historic Preservation Officer

12/15/05
Date

Washington Park Reservoirs Historic District
Name of Property

Multnomah, Oregon
County and State

NPS Form 10-900-a

OMB Approval No. 1024-0018

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Section number 6 Page Amendment

Washington Park Reservoirs Historic District
2403 S.W. Jefferson Street
Portland, Multnomah County, Oregon

NRIS #03001447
List Date: January 15, 2004

Function Amendment

The purpose of this continuation sheet is to amend the Historic and Current Functions to add:
INDUSTRY/PROCESSING: waterworks.

James Hamrick
Deputy State Historic Preservation Officer

12/15/05
Date