



CITY AND COUNTY OF DENVER

DEPARTMENT OF PUBLIC WORKS

Development Engineering Services
Public Works Permit Operations
2000 W. THIRD AVENUE, ROOM 107
DENVER, COLORADO 80223-1027
Phone: (303) 446-3759/ Fax: (303) 446-3755
<http://www.denvergov.org/PWPermits>

Permit Number

SEWER USE AND DRAINAGE PERMIT

200910118

Address: 3200 E 23rd Ave Bldg 31108

Long Legal: T3 R68 S36 PT NE/4 DAF BEING THAT PTN OF NE/4 LYG S OF THE S LI OF 23RD AVE & N OF SE/4 OF SD SEC EXC W/2 OF COLO BLVD ADJ CONTG 79.72 ACRES

Project Name: WASTE MANAGEMENT BLDG (DENVER ZOO)

Application Date: 10/19/2009

Ready Date: 04/30/2010

Type of Connection: New

Sanitary: 1 Storm:

Type of Work: New

Use: C

Service Area Code: 04080000

SFRE: 1.9

Tap Size: 0.75

Fee Type	Fund/Org/No	Fee Amount	Transaction Number	Payment Date	Void
WMD Sanitary SUDP Application	72100-5064300-413400	\$0.00	10052792	05/12/2010	
SAFE Fee	72400-5061102-411600	\$779.00	10052793	05/12/2010	
METRO Fee	72400-5061102-412400	\$4,940.00	10052794	05/12/2010	
<u>Total Permit Fees:</u>		\$5,719.00	<u>Exemption or Fee Reduction:</u>		No

Upon proper inspection and issuance of a Sewer Connection Permit and compliance with the terms and conditions of this Permit as well as those of the associated Application, authorization to connect to the sewer system is hereby granted. All Wastewater Management Division rules and regulations, criteria, standards, details, etc., shall apply as a minimum unless specifically exempted in writing. All inspection requests must be called in to Wastewater, at the (303) 446-3759 number, no later than 3:30 P.M. on the previous business day. No inspection requests will be accepted after 3:30 P.M. If work under this Permit is not properly completed, this Permit shall become void. If work under this Permit is not commenced within one year from the date of issuance or, if after partial completion, the work is discontinued for a period of one year, this Permit shall become void. Failure to comply with this Permit may result in the imposition of civil penalties (up to \$10,000 per day) pursuant to DRMC 56-107. Disputes regarding this permit shall be resolved by administrative hearing pursuant to DRMC 56-106.

CONDITIONS

ANY CHANGE IN THE BUILDING SEWER SIZES, CONFIGURATION OR LOCATIONS, FROM WHAT WAS ORIGINALLY SUBMITTED AND APPROVED BY PW DES MUST BE RESUBMITTED FOR REVIEW AND APPROVAL PRIOR TO ANY SANITARY BUILDING SEWER CONSTRUCTION. ELC 11/13/2009

ABSOLUTELY NO PORTION OF ANY OLD/CUTOFF BUILDING SEWER LINE WHICH SERVED ANY BUILDING ON THIS SITE WILL BE ALLOWED TO BE REUSED. ELC 11/13/2009

A copy of the domestic water tap application (Application for Water Supply License) must be submitted to PWPO, PRIOR TO ANY SANITARY BUILDING SEWER CONSTRUCTION OR CONNECTIONS. ELC 11/13/2009

Office Copy Applicant File Copy Building Department Copy Site Copy -- MUST BE POSTED ON SITE



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Final Development Services, receipt and approval of "As-Built" plan and profile drawings, and receipt of a Certificate of Inspection from the Design Engineer, for the new private on-site sanitary sewer (Master Project 2006-0366/PR-2009-044), are required PRIOR TO ANY SANITARY BUILDING SEWER CONSTRUCTION OR CONNECTIONS. ELC 11/13/2009

The cut-off of the existing sewer line must be inspected prior to, or at the same time as, the new sewer line and connection. The cutoff must be made at property line or as far downstream as possible.

The new building sewer line(s) and connection(s) must be inspected and water tested by PW WMD Plumbing Inspection. Installation must conform to PW WMD standards regarding workmanship and materials, to include the use of Class B bedding material conforming to ASTM C-33, gradation size 67. All work must be done by a properly licensed Plumbing or Sewer Contractor and the licensed Plumbing or Sewer Contractor must call PWPO at 303-446-3759 with valid license and permit numbers, no later than 3:30 P.M. on the previous business day, to schedule inspections. ELC 11/13/2009

Any portion of the building sewer being built over, or any portion within two (2) feet of a building, must be installed with approved material (Schedule 40 PVC, ABS/DWV, or Cast Iron pipe). All new sewers beyond two (2) feet from the building must be inspected and approved by PW WMD Plumbing Inspection. ELC 11/13/2009

The properly licensed sewer contractor must coordinate cleanout locations with the PW WMD Plumbing Inspector. An approved type of two-way cleanout shall be installed outside of the building near the connection between the building drain and building sewer, on ALL building sewer lines exiting the building, and extended to grade. Additional cleanouts shall be installed at intervals not to exceed 100 feet and for each aggregate horizontal change in direction exceeding 135 degrees. ELC 11/13/2009

G.T. Walmsberg, with Denver Water, must be contacted at (303) 628-6112, for direction and assistance regarding the recirculation of cooling water. ELC 11/13/2009

All construction activities associated with this permit are subject to the conditions and requirements of Erosion & Sediment Control / Construction Activities Stormwater Discharge Permit #201001028, issued for DENVER ZOO/ASIAN TROPICS. ELC 02/11/2010

A minimum of a 330-gallon, two-compartment, sand and oil interceptor shall be installed to conform with PW, WMD Standard Drawing #S-965. An approved two-way cleanout will be installed along the interceptor waste line leaving the interceptor unit. The properly licensed Plumbing Contractor must call PWPO at 303-446-3759 to schedule the required inspection. AdeS 03/24/2010

Routing of the waste lines directed to the minimum 330-gallon sand/oil interceptor must be inspected and approved by the Denver Building Inspection Division. The licensed Plumbing Contractor must contact the Denver Building Inspection Division to schedule the required routing inspection. AdeS 03/24/2010

All storm work must be completed and inspected and "As-Built" record drawings and a Certificate of Inspection (prepared by a Colorado licensed P.E.) for the storm work (#2006-0366 / PR-2009-045 / PR-2007-126 / PR2006-079) must be submitted to Development Services, 201 W. Colfax Ave., Dept. 203, Denver, CO 80202, and approved, prior to validation of a Temporary or Permanent Certificate of Occupancy. 02/17/2010 bb

All downspouts extenders, splash blocks, sump pump &/or pit discharge pipes/ lines, and private sidewalk chases must be installed & will be inspected, along with the Finished Grading and Graded Swales, at the time of the Wastewater TCO or CO inspection. All discharge points for downspouts and sump pump lines must be at least 6-inches from alleys, 3-feet from side-yard property-lines, and 8-feet from front-yard property-lines.

No underground piping for storm drainage (no area drains, no underground downspout extenders, etc.) and no window well, below grade patios or below grade walk-out area drains are authorized under this permit. Ground water discharge is also not authorized under the terms of this permit.

Proper drainage as required by Sec. 59-92(6) of the RMC: The contractor must grade the lot to meet the following four conditions at a minimum:

1. Adequate drainage away from the foundation must be provided.
2. Off-site drainage flowing onto the site is conveyed safely through the site to a reasonable outfall point.
3. On-site drainage must be conveyed off the site in the direction of the historic drainage patterns to a reasonable outfall point.
4. Forward grading must not push additional drainage across the shared lot line. Window wells must have an expanded on-site swale adjacent to compensate for the area blocked by the window well.

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Any changes to the approved plans or the above conditions should be submitted to Development Services for review and release of an amended permit.

All storm drainage construction is approved under construction plans 2006-0366 (PR-2009-044)

PLEASE NOTE: The owner/developer is responsible for improvements/repairs in the right-of-way adjacent to this site. No Certificate of Occupancy will be validated by Public Works Construction until these improvements/repairs are complete. Contact the DES Construction Inspector PRIOR to starting construction. Call 303-446-3469 for the name and number of the area inspector. Any work within the public right-of-way will require a Street Cut, Construction, and/or Street Occupancy Permit(s) from Public Works Permit Operations, located at 2000 W. 3rd Ave., Room 107, phone number 303-446-3759. It is the Licensed Contractor's responsibility to obtain the proper permit(s).

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