File No.	130765	Committee Item No.	2
,		Board Item No.	26

COMMITTEE/BOARD OF SUPERVISORS

AGENDA PACKET CONTENTS LIST

	AGENDAT AGRET GONTENT	O LIOT
Committee:	Land Use and Economic Development	Date September 23, 2013
Board of Su	pervisors Meeting	Date October 1, 2013
Cmte Boa		
	Motion Resolution Ordinance Legislative Digest Budget and Legislative Analyst Report Introduction Form Department/Agency Cover Letter and MOU Grant Information Form Grant Budget Subcontract Budget Contract/Agreement Form 126 – Ethics Commission Award Letter Application Public Correspondence	
OTHER	(Use back side if additional space is	needed)
	Categorical Exemption Stamp, dtd 8/9/ Notice of Public Hearing: Fee Ad	13
	by: Alisa Miller Date	

[Health Code - Alternate Water Sources for Non-Potable Applications]

Ordinance amending the Health Code to establish permitting requirements for two or more parcels that share the use of alternate water sources for non-potable applications; setting permit fees; and making environmental findings.

NOTE:

Additions are <u>single-underline italics Times New Roman</u>; deletions are <u>strike-through italics Times New Roman</u>. Board amendment additions are <u>double-underlined</u>; Board amendment deletions are <u>strikethrough normal</u>.

Be it ordained by the People of the City and County of San Francisco:

Section 1. Environmental Findings. The Planning Department has determined that the actions contemplated in this ordinance comply with the California Environmental Quality Act (California Public Resources Code Section 21000 et seq.). Said determination is on file with the Clerk of the Board of Supervisors in File No. 130765 and is incorporated herein by reference.

Section 2. The Health Code is hereby amended by amending Article 12C, Sections 851, 854, and 855 to read as follows:

ARTICLE 12C: <u>ALTERNATE WATER SOURCES FOR NON-POTABLE</u> APPLICATIONS

SEC. 851. DEFINITIONS.

The terms used in this Article have the meaning set forth below:

- (a) Alternate Water Source: a source of non-potable water that includes graywater, on-site treated non-potable water, rainwater, and any other source approved by the Director.
- (b) Black water: wastewater containing bodily or other biological wastes, as from toilets, dishwashers, kitchen sinks and utility sinks.

Supervisors Chiu, Mar BOARD OF SUPERVISORS

- (c) City: the City and County of San Francisco.
- (d) **Director:** the Director of Public Health or any individual designated by the Director to act on his or her behalf.

District: a group of two or more parcels that share alternate water sources.

- First certificate of occupancy: either a temporary certificate of occupancy or a Certificate of Final Completion and Occupancy as defined in San Francisco Building Code Section 109A, whichever is issued first.
- Foundation Drainage: nuisance groundwater that is extracted to maintain a building's or facility's structural integrity and would otherwise be discharged to the City's sewer system. Foundation drainage does not include non-potable groundwater extracted for a beneficial use that is subject to City groundwater well regulations.
- General Manager: the General Manager of the San Francisco Public Utilities

 Commission, or any individual designated by the General Manager to act on his or her behalf.
- Graywater: untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to, wastewater from bathtubs, showers, bathroom sinks, lavatories, clothes washing machines, and laundry tubs, but does not include wastewater from kitchen sinks or dishwashers.
- (i) Multi-Family Residential Building: A building that contains three or more dwelling units.
- Non-potable Water Engineering Report: Report submitted by project applicant to the Director describing the alternate water source system in accordance with the rules and regulations adopted by the Department of Public Health.
 - (k) Non-residential: A building that contains occupancies other than dwelling units.

- (1) On-Site Treated Non-Potable Water: Non-potable water collected from alternate water sources, treated, and intended to be used on the Project Applicant's site <u>or</u> <u>district parcels</u> and is suitable for direct beneficial use.
- (m) NSF 350 System: Any treatment system certified by NSF International to meet NSF/ANSI Standard 350 for Onsite Residential and Commercial Reuse Treatment Systems, as amended from time to time.
 - (n) Permittee: owner or operator of an on-site treated non-potable water system.
- (o) **Project Applicant:** the person or entity applying for authorization to install and use an alternate water source project.
- (p) Rainwater: precipitation collected from roof surfaces or other manmade, aboveground collection surfaces.
- (q) Small Residential Building: A building that contains no more than two dwelling units.
 - (r) Stormwater: Precipitation collected from at-grade or below grade surfaces.
- Water Budget Documentation: An in-depth assessment of the permittee's project applicant's non-potable water use, including survey information, water meter readings, water service billing information, alternate water source schematic drawings, or and any other information deemed necessary by the General Manager.

SEC. 854. PROJECT APPLICANT AND/OR PERMITTEE DESIGN AND CONSTRUCTION REQUIREMENTS.

(a) Prior to initiating installation of any alternate water source project, project applicants shall submit to the Director an application for permits to operate alternate water source systems. Such applications shall comply with the requirements of this Article and any regulations the Director has issued. Project applicants shall pay a non-refundable permit application fee to cover the costs of investigation and processing the application and issuing

the permit. Each project application submitted to the Director shall include a Non-*Ppotable Water* Engineering Report that provides project information the Director determines to be necessary for complete review of the proposed project. City departments may not approve or issue permits for any site installing an alternate water source system unless and until the Director has approved the Non-*Pp*otable *Water* Engineering Report.

The Non-potable Water Engineering Report for district systems must include information on the permanent legal agreements between property owners, and provide documentation that each party is a willing and responsible participant in the district non-potable water use.

- (b) **System Design.** All <u>buildings using non-potable water from</u> alternate water source systems shall include:
- (1) A flow meter on the *alternate water source-non-potable distribution* system to account for non-potable water use;
- (2) A reduced pressure backflow assembly (RP) within 25 feet of the downstream side of the point of connection or meter to protect the City's public water and/or recycled water system;
- (3) Signage that state law and the Department of Public Health's rules and regulations require;
- (4) Cross connection control in accordance with California Code of Regulations Titles 17 and 22 and the San Francisco Public Utilities Commission's Cross Connection Control Program;
- (5) Any other requirements the Director determines *is* <u>are</u> necessary to protect public health.
- (c) Water Budget Documentation. Upon submitting a project application to the Director, a project applicant shall also submit Water Budget Documentation to the General Manager for review. Water Budget Documentation shall include a description <u>and location</u> of

the proposed alternate water source system, the project's water budget, and other applicable information as determined by the General Manager. City departments may not issue <u>an encroachment permit</u>, site permit or plumbing permit, or approve an <u>alternate water source project application Non-potable Water Engineering Report</u> unless and until the General Manager has reviewed the Water Budget Documentation.

- (d) **Plumbing Permit.** A project applicant shall obtain from the Department of Building Inspection an appropriate plumbing permit and any other building or installation permit required to construct, install, alter, an alternate water source system. <u>Each parcel within</u> a district shall obtain appropriate plumbing and any other building or installation permits required.
- (e) Encroachment Permit. A project applicant shall obtain from the Department of

 Public Works appropriate authorization for placement of any pipelines or other portions of an

 alternate water source system within the public right-of-way.
- (ef) Construction Certification Letter. Project applicants shall certify to the Director that alternate water source system construction is complete and consistent with the approved Non-Ppotable Water Engineering Report in accordance with the provisions of this Article 12C and any implementing rules and regulations. City departments may not approve or issue a first certificate of occupancy or approval for any alternate water source system until the Director has reviewed and verified the Construction Certification Letter.

SEC. 855. FEES.

(a) The non-refundable application fees for alternative source water system permits are:

(1)	Rainwater	\$1,544.00
(2)	NSF 350 systems	\$2,688.00
(3)	Foundation Drainage	\$5,032.00
(4)	Graywater	\$5,032.00

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(5)	Black water	\$9,034.00

- (6) Transfer of any permit \$ 229.00
- (7) District Scale, the applicable amount above, plus \$ 191.00 per hour for plan review and for on site inspection.
- (b) The fees set forth in this Section may be adjusted each year, without further action by the Board of Supervisors.

Not later than April 1, the Director shall report to the Controller the revenues generated by the fees for the prior fiscal year and the prior fiscal year's costs of operation, as well as any other information that the Controller determines appropriate to the performance of the duties set forth in this Section.

Not later than May 15, the Controller shall determine whether the current fees produce, or are projected to produce, revenues sufficient to support the costs of providing the services for which the fees are assessed and that the fees will not produce revenue <u>that</u> significantly exceed more than the costs of providing the services for which the fees are assessed.

The Controller shall if necessary, adjust the fees upward or downward for the upcoming fiscal year as appropriate to ensure that the program recovers the costs of operation without producing revenue which is significantly more than such costs. The adjusted rates shall become operative on July 1.

- (c) Every permit holder shall also pay an annual license fee as provided in the Business and Taxation Code Section 249.24.
 - Section 3. This ordinance shall become effective 30 days from the date of passage.
- Section 4. This section is uncodified. In enacting this Ordinance, the Board intends to amend only those words, phrases, paragraphs, subsections, sections, articles, numbers, punctuation, charts, diagrams, or any other constituent part of the Health Code or Business

and Taxation Code that are explicitly shown in this legislation as additions, deletions, Board amendment additions, and Board amendment deletions in accordance with the "Note" that appears under the official title of the legislation.

Section 5. By adopting this Article, the City and County of San Francisco is assuming an undertaking only to promote the general welfare. It is not assuming, nor is it imposing on its officers and employees, an obligation or duty for breach of which it is liable in money damages or any other relief to any person who claims that such a breach proximately caused injury or damages.

APPROVED AS TO FORM:

DENNIS J. HERRERA, City Attorney,

Ву:

VIRGINIA DARIO ELIZONDO

Deputy City Attorney

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Supervisors Chiu, Mar BOARD OF SUPERVISORS

LEGISLATIVE DIGEST

[Health Code - Alternate Water Sources for Non-Potable Applications]

Ordinance amending the Health Code to establish permitting requirements for two or more parcels that share the use of alternate water sources for non-potable applications; setting permit fees; and making environmental findings.

Existing Law

Currently, Health Code Article 12C ("Article 12C") requires alternative source water systems obtain a permit from the Department of Public Health ("Department"), and be constructed and operated in accordance with rules and regulations established by the Department that define appropriate water quality standards, monitoring criteria and other requirements for such systems. The Department of Building Inspection reviews plans and issues plumbing permits for on-site alternative source water systems.

Article 12C authorizes the installation and operation of the alternate water source systems at sites containing multi-family and non-residential buildings. A project applicant must submit an engineering report to the Department that describes the design of the proposed alternative source water system and clearly indicates the means for compliance with the Department's rules and regulations. The Department reviews the engineering report and issues a permit to operate the system if the system complies with the applicable rules and regulations. The Department of Building Inspection provides final inspection and sign-off to ensure that appropriate bypass and cross-connection control elements are part of construction. Article 12C authorizes water use audits, permit transfers upon sale of the property, suspension or revocation of permits, and the imposition of penalties for violations pursuant to Administrative Code chapter 100.

Article 12C provides for the payment of fees to cover the Department's costs for administering the program.

Amendments to Current Law

Article 12 C would be expanded to cover two or more parcels that share alternate water sources, and an additional hourly fee would be imposed by the Department to cover the staff time necessary for reviewing more complex plans and making additional site inspections.

Background Information

These amendments will facilitate larger scale use of alternative water sources and more comprehensive project planning.



City Hall
Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
Fax No. 554-5163
TDD/TTY No. 554-5227

July 30, 2013

File No. 130765

Sarah Jones Environmental Review Officer Planning Department 1650 Mission Street, 4th Floor San Francisco, CA 94103

Dear Ms. Jones:

On July 23, 2013, Supervisor Chiu introduced the following proposed legislation:

File No. 130765

Ordinance amending the Health Code to establish permitting requirements for two or more parcels that share the use of alternate water sources for non-potable applications; setting permit fees; and making environmental findings.

This legislation is being transmitted to you for environmental review.

Angela Calvillo, Clerk of the Board

By: Alisa Miller, Committee Clerk

Land Use & Economic Development Committee

Attachment

c: Monica Pereira, Environmental Planning Joy Navarrete, Environmental Planning

Non-physical exemption Coor Section 15060(c)(2) In Dan Ay. 9, 2013 Joy HALPER

2013.1100E



City Hall

1 Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
Fax No. 554-5163
TDD/TTY No. 554-5227

NOTICE OF PUBLIC HEARING

LAND USE AND ECONOMIC DEVELOPMENT COMMITTEE SAN FRANCISCO BOARD OF SUPERVISORS

NOTICE IS HEREBY GIVEN THAT the Land Use and Economic Development Committee will hold a public hearing to consider the following proposal and said public hearing will be held as follows, at which time all interested parties may attend and be heard:

Date:

Monday, September 23, 2013

Time:

1:30 p.m.

Location:

Committee Room 263, located at City Hall

1 Dr. Carlton B. Goodlett Place, San Francisco, CA

Subject:

File No. 130765. Ordinance amending the Health Code to

establish permitting requirements for two or more parcels that share the use of alternate water sources for non-potable applications;

setting permit fees; and making environmental findings.

If the legislation passes, a new fee would be added to the applicable application fees for alternative source water system permits for groups of two or more parcels sharing alternative water sources, at the rate of \$191.00 per hour for plan review and/or on site inspections. This fee would be imposed to cover the Department of Public Health's costs for reviewing complex plans and making additional site inspections.

In accordance with Administrative Code, Section 67.7-1, persons who are unable to attend the hearing on this matter may submit written comments to the City prior to the time the hearing begins. These comments will be made a part of the official public record and shall be brought to the attention of the Members of the Committee. Written comments should be addressed to Angela Calvillo, Clerk of the Board, Room 244, City Hall, 1 Dr. Carlton Goodlett Place, San Francisco CA 94102. Information relating to the proposed fee is available in the Office of the Clerk of the Board. Agenda information relating to this matter will be available for public review on Friday, September 20, 2013.

Angela Calvillo, Clerk of the Board

POSTED/DATED: September 12, 2013 PUBLISHED: September 13 & 19, 2013

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Alisa Miller S.F. BD OF SUPERVISORS (OFFICIAL NOTICES) 1 DR CARLTON B GOODLETT PL #244 SAN FRANCISCO, CA 94102

COPY OF NOTICE

Notice Type:

GPN GOVT PUBLIC NOTICE

Ad Description

Fee Ad - File No. 130765

To the right is a copy of the notice you sent to us for publication in the SAN FRANCISCO EXAMINER. Thank you for using our newspaper. Please read this notice carefully and call us with ny corrections. The Proof of Publication will be filed with the County Clerk, if required, and mailed to you after the last date below. Publication date(s) for this notice is (are):

09/13/2013, 09/19/2013

The charge(s) for this order is as follows. An invoice will be sent after the last date of publication. If you prepaid this order in full, you will not receive an invoice.

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THE INTER-CITY EXPRESS, OAKLAND	(510) 272-4747

EXM 2534403

NOTICE OF PUBLIC
HEARING LAND USE AND
ECONOMIC DEVELOPMENT COMMITTEE
SANFRANCISCO BOARD

SANFRANCISCO BOARD
OF SUPERVISORS
MONDAY, SEPTEMBER 23,
2013 – 1:30 PM COMMITTEERCOM 263, CITY HALL
1 DR. CARLTON B.
GOODLETT PLACE,
SAN FRANCISCO, CA
NOTICE IS HEREBY GIVEN
THAT the Land Use and
Economic Development
Committee will hold a public Economic Development Committee will hold a public hearing to consider the following proposal and said public hearing will be held as follows, at which time all follows, at which time all interested parties may attend and be heard. File No. 130765, Ordinance amending the Health Code to establish permitting establish permitting requirements for two or more parcels that share the use of alternate water sources for non-potable applications; setting permit fees; and making environmental findings. If the legislation passes, a new fee would be application fees for alternative source water system application fees for alternative source water system permits for groups of two or more parcels sharing alternative water sources, at the rate of \$191.00 per hour for plan review and/or on site inspections. This fee would be imposed to cover the Department of Public Health's costs for reviewing complex plans and making additional site inspections. In accordance with Administracomplex plans and making additional site inspections. In accordance with Administrative Code, Section 67.7-1, persons who are unable to attend the hearing on this matter may submit written comments to the City prior to the time the hearing begins. These comments will be made a part of the official public record and shall be brought to the attention of the Members of the Committee. Written comments should be addressed to Angela Calvillo, Clerk of the Board, Room 244, City Hall, 1 Dr. Cariton Goodlett Place, San Francisco CA 94102. Information relating to the proposed fee is available in the Office of the Clerk of the Board, Agenda information relating to this matter will be available for public review on Fridey, September 20, 2013. Angela Calvillo, Clerk of the Board





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July 30, 2013

File No. 130765

Sarah Jones Environmental Review Officer Planning Department 1650 Mission Street, 4th Floor San Francisco, CA 94103

Dear Ms. Jones:

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File No. 130765

Ordinance amending the Health Code to establish permitting requirements for two or more parcels that share the use of alternate water sources for non-potable applications; setting permit fees; and making environmental findings.

This legislation is being transmitted to you for environmental review.

Angela Calvillo, Clerk of the Board

By: Alisa Miller, Committee Clerk

Land Use & Economic Development Committee

Attachment

c: Monica Pereira, Environmental Planning Joy Navarrete, Environmental Planning



City Hall
Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
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MEMORANDUM

TO:

Tom Hui, Director, Department of Building Inspection

Barbara Garcia, Director, Department of Public Health

Harlan Kelly, General Manager, Public Utilities Commission

Ben Rosenfield, City Controller

FROM:

Alisa Miller, Clerk, Land Use and Economic Development Committee

Board of Supervisors

DATE:

July 30, 2013

SUBJECT:

LEGISLATION INTRODUCED

The Board of Supervisors' Land Use and Economic Development Committee has received the following proposed legislation, introduced by Supervisor Chiu on July 23, 2013:

File No. 130765

Ordinance amending the Health Code to establish permitting requirements for two or more parcels that share the use of alternate water sources for non-potable applications; setting permit fees; and making environmental findings.

This matter is being forwarded to your department for informational purposes. If you have any comments or reports to be included with the file, please forward them to me at the Board of Supervisors, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

c: William Strawn, Department of Building Inspection Carolyn Jayin, Department of Building Inspection Greg Wagner, Department of Public Health Juliet Ellis, Public Utilities Commission Print Form

Introduction Form

By a Member of the Board of Supervisors or the Mayor

I hereby submit the following item for introduction (select only one):	r meeting date
□ 1. For reference to Committee.	
An ordinance, resolution, motion, or charter amendment.	
2. Request for next printed agenda without reference to Committee.	
3. Request for hearing on a subject matter at Committee.	
4. Request for letter beginning "Supervisor	inquires"
5. City Attorney request.	
6. Call File No. from Committee.	
7. Budget Analyst request (attach written motion).	
8. Substitute Legislation File No.	
9. Request for Closed Session (attach written motion).	
☐ 10. Board to Sit as A Committee of the Whole.	
11. Question(s) submitted for Mayoral Appearance before the BOS on	
Please check the appropriate boxes. The proposed legislation should be forwarded to the following	g:
☐ Small Business Commission ☐ Youth Commission ☐ Ethics Commis	sion
☐ Planning Commission ☐ Building Inspection Commission	
Note: For the Imperative Agenda (a resolution not on the printed agenda), use a Imperative	
Sponsor(s):	
Supervisors Chiu, Mar	
Subject:	
Ordinance amending the Health Code to establish permitting requirements for two or more parcels of alternate water sources for non-potable applications.	that share the use
The text is listed below or attached:	v.
	1
Signature of Sponsoring Supervisor:	

For Clerk's Use Only: