



NOTICE OF EXEMPTION

TO:
Alameda County Clerk-Recorder's Office
1106 Madison Street
Oakland, CA 94607

FROM: (LEAD AGENCY)
EAST BAY MUNICIPAL UTILITY DISTRICT
Office of the Secretary - (510) 287-0404
375 Eleventh Street, MS 806
Oakland, CA 94607-4240
☒ Lead Agency is the Project Applicant
☒ Lead Agency is Public Agency Approving Project
☒ Lead Agency is Carrying Out Project

PROJECT INFORMATION

1. **TITLE:** Pipeline Infrastructure Renewal Project
2. **LOCATION:** (*City, County, and specific location*)
Alameda County-Variou sites throughout Alameda County. See Figure 1 and Tables 1A and 1B.
3. **DESCRIPTION:** Replace and repair deteriorated pipelines as needed for cost effectiveness. These projects will typically replace water pipelines in kind.

EXEMPTION FINDING (Check one)



This project is exempt from CEQA because:

1. ☐ Activity is not a project
2. ☐ Activity is Ministerial (Sec.21080(b)(1); Guideline 15268)
3. ☐ Activity is a Declared Emergency (Sec.21080(b)(3); Guideline 15269(a))
4. ☐ Activity is an Emergency Project (Sec.21080(b)(4); Guideline 15269(b)(c))
5. ☒ Activity is Categorically Exempt Under Guideline 15302
6. ☒ Activity is Statutorily Exempt Under Guideline 15282
7. ☒ Reasons why project is exempt: This project will only repair, replace, or reconstruct existing utility systems and/or facilities with little or no expansion of capacity, pursuant to Sections 15302 and 15282 of the CEQA Guidelines.

APPROVAL BY INITIATING UNIT: 535

11/25/20	Yuuki Tanaka	David Katzev
1. DATE PREPARED	2. PREPARED BY (initial)	3. REVIEWED BY (Unit Supv. initial)
Carlton D Chan		
4. RECOMMENDED BY (Division/Section Manager)		
Pongsiri (Eng) Prachyaratanawooti	44	Associate Civil Engineer
5. CONTACT PERSON	MAIL SLOT #	PHONE
		(510) 287-1322

NOTICE OF EXEMPTION APPROVED FOR FILING WITH THE COUNTY CLERK

12/14/20	
DATE	DEPARTMENT DIRECTOR
12/17/20	
DATE FORWARDED TO COUNTY CLERK	SECRETARY OF THE DISTRICT

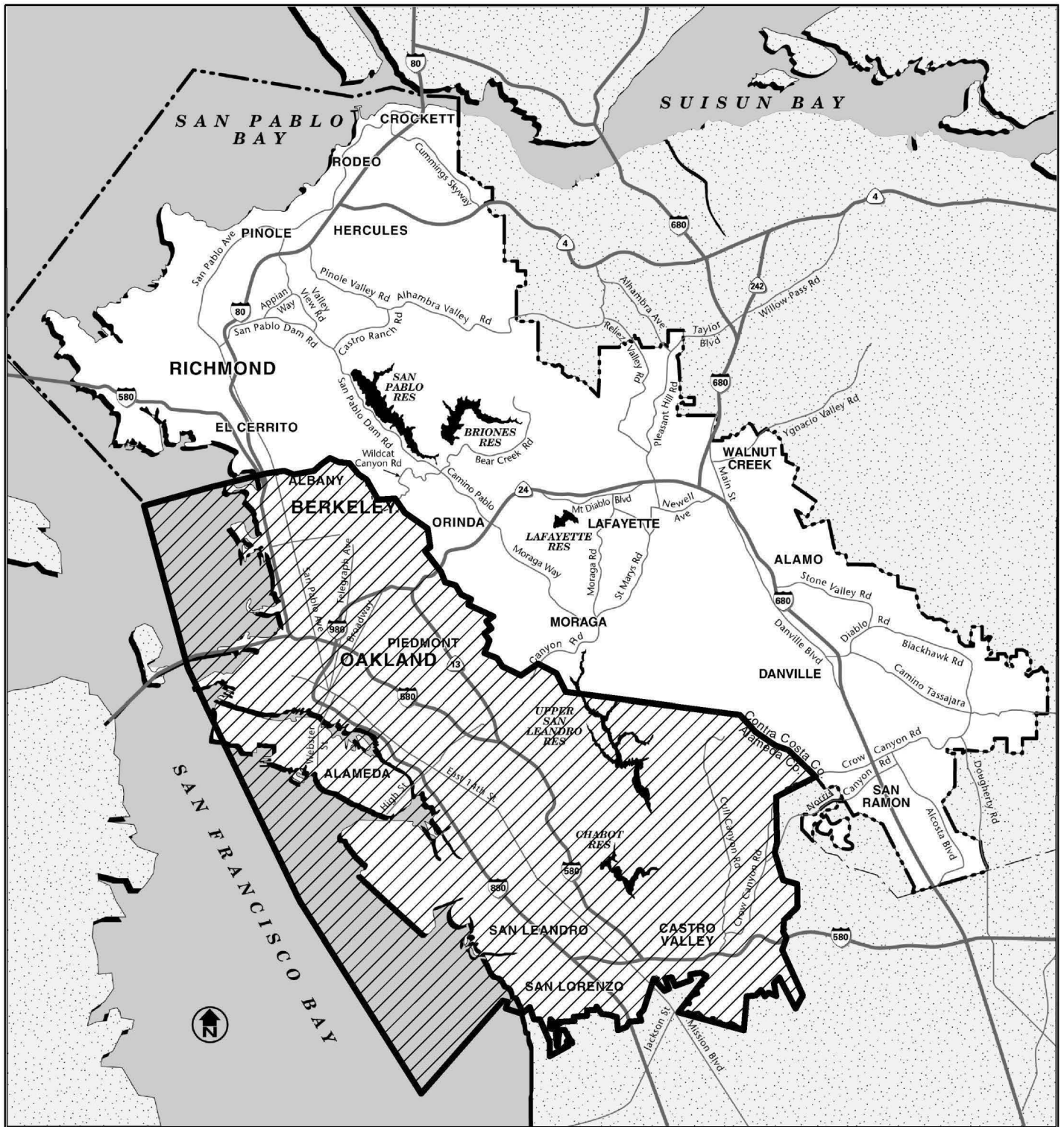


Figure 1

**PROJECT SITE
LOCATION MAP**

NOT TO SCALE

EAST BAY MUNICIPAL UTILITY DISTRICT

**PIPELINE INFRASTRUCTURE
RENEWAL PROJECT**

ALAMEDA COUNTY

Alameda County

Table 1A – Pipeline Infrastructure Renewal Design Candidates in Alameda County, FY21

Street	City	Limits	Length (feet)
Carolyn St	Alameda County (San Leandro)	<i>Carolyn St (Manchester to Strang)</i> <i>Manchester Rd (Foothill to Arlington)</i> <i>Windsor Dr (Manchester to Horne)</i> <i>Berkshire Dr (Manchester to Horne)</i> <i>Selborne Dr (Berkshire to Gramercy)</i> <i>Strang Ave (Saratoga to end)</i>	7,045
Camelia St	Berkeley	<i>Camelia St (6th to San Pablo Ave)</i> <i>10th St (Gilman to Page)</i>	2700
Channing Way	Berkeley	<i>Channing Way (4th to 9th)</i> <i>4th (Channing to Dwight)</i> <i>7th (Channing to Dwight)</i> <i>8th (Bancroft to Channing; Dwight to Heinz)</i> <i>9th (Channing to Dwight)</i> <i>Parker (8th to 10th)</i> <i>Pardee (7th to 8th)</i>	7,810
Dwight Way	Berkeley	<i>Dwight Way (Milvia Street to Shattuck Ave)</i> <i>Milvia Street (Channing Way to Blake St)</i> <i>Shattuck Ave (Dwight Way to Parker Street)</i> <i>Channing Way (Milvia St to Martin Luther King Jr. Way)</i> <i>Parker Street (Shattuck to Dana St)</i>	4,420
Fairlawn Dr	Berkeley	<i>Fairlawn Dr (Queens Rd to zone gate)</i> <i>Queens Rd (1398 Queens to Shasta)</i> <i>Shasta Rd (Queens to Miller)</i>	840
La Loma Ave	Berkeley	<i>La Loma Ave (Buena Vista Way to 1401 La Loma)</i> <i>La Loma Ave (1369 La Loma to Glendale)</i> <i>Glendale Ave (La Loma to end)</i> <i>Buena Vista Way (La Loma to 3070 Buena Vista)</i> <i>Buena Vista Way (Le Roy to Greenwood)</i> <i>Del Mar Ave (Buena Vista to Parnassus)</i> <i>Le Roy Ave (Rose to Hawthorne)</i>	6,673

Pipe Material: DI: Ductile-Iron / ERDIP: Earthquake Resistant Ductile-Iron Pipe / HDPE: High-Density Polyethylene / iPVC: Enhanced Polyvinyl Chloride / ML&PCS: Mortar-Lined and Plastic Coated Steel / PVC: Polyvinyl Chloride / STL: Steel

Continued: Table 1A—Pipeline IR Design Projects, FY21

Street	City	Limits	Length (feet)
Le Roy Ave	Berkeley	<i>Hilgard Ave (Euclid Ave to Le Roy Ave)</i> <i>Le Roy Steps/Ave (Hilgard Ave to Le Conte Ave)</i> <i>Le Conte Ave (Le Roy Ave to La Loma Ave)</i>	1,863
San Diego Rd	Berkeley	<i>San Diego Rd (Southampton to 775 San Diego)</i> <i>Southampton Ave (Arlington to San Diego)</i> <i>Somerset Pl (Southampton to end)</i> <i>Tunbridge Lane Path (Southampton to end)</i>	2,200
Rizzo Cluster	Castro Valley	<i>Rizzo Ave (Orange to 21428 Rizzo)</i> <i>Orange Ave (Grove to Lake Chabot)</i> <i>Baywood Ave (Grove to 21736 Baywood)</i> <i>Tanglewood Dr (Grove to 21538 Tanglewood)</i> <i>Jeffer St (Belle St to end)</i>	3,170
66th Ave. Cluster	Oakland	<i>65th Ave (MacArthur Blvd to end)</i> <i>66th Ave (MacArthur Blvd to Outlook Ave)</i>	2,175
71st Ave	Oakland	<i>71st Ave (International Blvd to Orral St)</i> <i>69th Ave (International Blvd to Flora St)</i>	1,810
Barner Cluster	Oakland	<i>Alida St (Coolidge Ave to Barner Ave)</i> <i>Coolidge Ave (Prop 269 to Morgan Ave)</i> <i>Carmel St (Coolidge Ave to Maple Ave)</i> <i>Barner Ave (Morgan Ave to Alida St)</i> <i>Barner Pl (Barner Ave to end)</i> <i>Morgan Ave (Barner Ave to Maple Ave)</i> <i>Maple Ave (California St to Morgan Ave)</i> <i>California St (Maple Ave to end)</i> <i>Sylvan Ave (Maple Ave to end)</i>	7,600
Bellevue Ave	Oakland	<i>Bellevue Ave (Perkins St to Staten Ave)</i> <i>Bellevue Ave (Grand Ave to Van Buren Ave)</i> <i>Staten Ave (Bellevue Ave to Palm Ave)</i> <i>Van Buren Ave (Perkins St to Bellevue Ave)</i> <i>Perkins St (Grand Ave to Van Buren Ave)</i>	4,290
Burdeck Drive	Oakland	<i>Burdeck Dr (3200 Burdeck Dr to end)</i>	2,360

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Continued: Table 1A—Pipeline IR Design Projects, FY21

Street	City	Limits	Length (feet)
Chapman, 29th Ave, Derby	Oakland	Chapman St (23rd Ave to 29th Ave) Chapman St (29th Ave to Lancaster St) 29th Ave (Ford St to E 7th St end) Derby Ave (Chapman to E 7th St)	2,838
Castlewood Cluster	Oakland	Castlewood St (Golf Links Rd to Encina Ave) Golf Links Rd (Castlewood St to 98th Ave) 10' Path (Golf Links Rd to Castlewood St) 98th Ave (Las Vegas to Golf Links Rd) Espinosa Ave (Las Vegas Ave to Golf Links Rd) Las Vegas Ave (Farrell St to 98th Ave) Encina Ave (Golf Links Rd to Alcala Ave) Alcala Ave (Encina Ave to Oak Knoll Blvd) Oak Knoll Blvd (Castlewood St to Granada Ave)	5,500
Hood Cluster	Oakland	Hood St (Mark to end) 107th Ave (Peralta Oaks to Shelton) Peralta Oaks Dr (107th Ave to Peralta Oaks Ct) Peralta Oaks Dr (Peralta Oaks Ct to end) R/W 3276 and 3318	2,500
Lawlor Cluster	Oakland	99th Ave (MacArthur Blvd to Burr St) Lawlor St (99th Ave to 98th Ave) Springfield St (98th Ave to end) Longfellow Ave (99th Ave to 100th Ave)	3,000
MacArthur Blvd	Oakland	MacArthur Blvd (Athol Ave to 1311 MacArthur Blvd) MacArthur Boulevard (1459 MacArthur Blvd to Ardley Ave)	4,600
Mountain Blvd	Oakland	Mountain Blvd (Snake Rd to E-32059-B) Snake Rd (E-32061-A)	630

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Continued: Table 1A—Pipeline IR Design Projects, FY21

Street	City	Limits	Length (feet)
Norton Cluster	Oakland	Norton Ave (Wisconsin St to Herrier St) Rettig Pl/Wisconsin St (Laurel Ave to end) Wisconsin St (Rettig Pl to Loma Vista Ave) Rettig Ave (Wisconsin St to end) Herrier St (Norton Ave to East Lake Ave) East Lake Ave (Herrier St to end) Kiwanis St (East Lake Ave to end) Midvale Ave (Wisconsin St to Kiwanis St)	6,205
Oakdale Cluster	Oakland	Outlook Ave (Seminary Ave to Lundholm Ave) Lundholm Ave (Outlook Ave to dead end near Seminary Ave) Oakdale Ave (Seminary Ave to Nairobi Pl)	4,000
Outlook: North	Oakland	Outlook Ave (68th Ave to 73rd) 68th Ave (Outlook Ave to Foothill Blvd) Laird Ave (68th Ave to end)	6,800
Outlook: South	Oakland	Bantry Ave (73rd to Outlook) Outlook (73rd to Tully Pl) Hillmont Dr (Parker Ave to Tully Pl) 76th Ave (Outlook Ave to Ney Ave) Tully Pl (Outlook Ave to Hillmont Dr)	2,500
Rettig Ave	Oakland	Rettig (Guido to end)	700
Sunkist Dr	Oakland	Sunkist Dr (McCormick Ave to 82nd Ave) 82nd Ave (Utah St to Sunkist Dr) Partridge Ave (Utah St to 82nd Ave) Utah St (Partridge Ave to 82nd Ave)	2365
Wildwood Ave	Piedmont Oakland	Wildwood Ave (Grand Ave to Sylvan Way) Sylvan Way (Wildwood Ave to End)	1,610

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Pipeline Construction

The District forecasts construction of approximately 20 miles of pipeline IR projects in FY21. The District will select projects from Table B, which includes previously designed projects from the backlog and newly selected replacement projects. Projects in construction as of November 2020 are marked with a (†) in the *Street* column.

Table 1B – Pipeline IR Construction Projects in Alameda County, FY21

Street	City	Limits	Length (feet)	Size & Material [†]
Maubert/ 159th Cluster	Alameda County (ALA Co)	<i>Maubert Ave (159th Ave to 163rd Ave) 159th Ave (Marcella to Maubert)</i>	3,000	6" iPVC
Gateview Ave [†]	Albany	<i>Gateview Ave: Washington Ave to end</i>	960	6", 8" iPVC
Talbot Ave	Albany	<i>Talbot Ave (Solano Ave to 731 Talbot Ave) Washington Ave (Talbot Ave to Masonic Ave) Masonic Ave (Portland Ave to Washington Ave)</i>	1,985	6" iPVC
Cornell Ave	Albany and Berkeley	<i>Cornell Ave (Washington to Marin) Cornell Ave (Marin to Gilman) Kains Ave (Marin to Dartmouth) Stannage Ave (Marin to Dartmouth) Dartmouth St (San Pablo Ave to Cornell) Gilman (San Pablo to Talbot)</i>	8,050	6" & 12" iPVC & DI
Ordway St [†]	Albany Berkeley	<i>Ordway St: Posen to Sonoma Posen Ave: Peralta to Ventura Ventura Ave: Posen to Sonoma Ave Beverly Pl: Ventura to Posen Ave Peralta Ave: Gilman to Posen</i>	4,170	6" iPVC
Ventura Ave	Albany	<i>Ventura Ave: Solano Ave to Marin Ave</i>	740	6" iPVC
Colusa [†]	Berkeley	<i>Colusa Ave (San Lorenzo Ave to Tacoma Ave) San Lorenzo Ave (Ensenada Ave to Santa Rosa Ave) Capistrano Ave (Miramar Ave to The Alameda) Tacoma Ave (Colusa Ave to The Alameda) Ensenada Ave (San Lorenzo Ave to Tacoma Ave)</i>	5,800	6" iPVC

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Continued: Table 1B—Pipeline IR Construction Projects, FY21

Street	City	Limits	Length (feet)	Size & Material [†]
Dwight Way	Berkeley	<i>Dwight Way (Milvia Street to Shattuck Ave)</i> <i>Milvia Street (Channing Way to Blake St)</i> <i>Shattuck Ave (Dwight Way to Parker Street)</i> <i>Channing Way (Milvia St to Martin Luther King Jr. Way)</i> <i>Parker Street (Shattuck to Dana St)</i>	4,420	6" & 8" iPVC 6" & 8" ML&PCS
Ensenada [‡]	Berkeley	<i>Ensenada Ave (Peralta Ave to Portland Ave)</i>	500	8" iPVC
Fairlawn Dr	Berkeley	<i>Fairlawn Dr (Queens Rd to zone gate)</i> <i>Queens Rd (1398 Queens to Shasta) - trnsfr svcs only</i> <i>Shasta Rd (Queens to Miller) - trnsfr svcs only</i>	840	8" ERDIP
Hearst Ave	Berkeley	<i>Hearst Ave (7th St to San Pablo Ave)</i> <i>7th St (Delaware St to Hearst Ave)</i> <i>8th St (Delaware St to Hearst Ave)</i>	2,080	6" & 8" IPVC
San Antonio [‡]	Berkeley	<i>San Antonio Ave (San Ramon Ave to Arlington Ave)</i> <i>The Alameda (Thousand Oaks Blvd to San Antonio Ave)</i> <i>Vallejo St (The Alameda to San Ramon Ave)</i> <i>San Ramon Ave (San Antonio Ave to San Fernando Ave)</i> <i>San Juan Ave (Santa Clara Ave to San Fernando Ave)</i> <i>Santa Clara Ave (San Ramon Ave to San Juan Ave)</i> <i>Menlo Pl (Thousand Oaks Blvd to The Alameda)</i> <i>Santa Rosa Ave (San Miguel Ave to Menlo Pl)</i> <i>San Miguel Ave (Thousand Oaks Blvd to Santa Rosa Ave)</i>	7,300	6" iPVC
San Diego Rd	Berkeley	<i>San Diego Rd (Southampton to 775 San Diego)</i> <i>Southampton Ave (Arlington to San Diego)</i> <i>Somerset Pl (Southampton to end)</i>	2,200	6" & 8" ERDIP
Easy St [‡]	Castro Valley ALA Co	<i>Easy Street: Cambrian Drive to Crest Ave</i>	616	8" iPVC
Jeffer St	Castro Valley ALA Co	<i>Jeffer St (Belle St to end)</i>	409	6" iPVC

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Continued: Table 1B—Pipeline IR Construction Projects, FY21

Street	City	Limits	Length (feet)	Size & Material [†]
Kingston Cluster	Castro Valley	<i>Peterson Way (Northwood Dr to Remco St)</i> <i>Northwood Dr (Kingston Way to Peterson Way)</i> <i>Kingston Way (Mayflower Dr to Northwood Dr)</i>	1,140	6" iPVC
Rizzo Cluster	Castro Valley ALA Co	<i>Rizzo Ave (Orange to 21428 Rizzo)</i> <i>Orange Ave (Grove to Lake Chabot)</i> <i>Baywood Ave (Grove to 21736 Baywood)</i> <i>Tanglewood Dr (Grove to 21538 Tanglewood)</i>	2,759	To be determined
Walnut Cluster [‡]	Castro Valley ALA Co	<i>Walnut Rd (Almond Rd to Reamer Rd)</i> <i>Vineyard Rd (Walnut Rd to Parker Rd)</i> <i>Parker Rd (Vineyard Rd to Reamer Rd)</i>	5,550	6" - 8" STL
33rd Ave	Oakland	<i>33rd Ave (San Leandro to end)</i>	120	6" PVC
60 th Ave	Oakland	<i>60th Ave (Foothill Blvd to Morse Dr)</i>	500	6' iPVC
61st Ave	Oakland	<i>61st Ave (Tevis St to end)</i>	600	6" iPVC
62nd St	Oakland	<i>62nd St (Telegraph Ave to Colby St)</i> <i>61st St (Canning St to Colby St)</i> <i>Both sides of Colby Park</i>	2,510	6" iPVC
68th & Outlook Ave (North Phase)	Oakland	<i>Outlook Ave (68th Ave to 73rd)</i> <i>68th Ave (Outlook Ave to Foothill Blvd)</i> <i>Laird Ave (68th Ave to end)</i>	3,865	6" & 8" ERDIP
68th & Outlook Ave (South Phase)	Oakland	<i>Bantry Ave (73rd to Outlook)</i> <i>Outlook (73rd to Tully Pl)</i> <i>Hillmont Dr (Parker Ave to Tully Pl)</i> <i>76th Ave (Outlook Ave to Ney Ave)</i>	4,000	6" & 8" ERDIP
94th Ave Cluster	Oakland	<i>94th Ave (B St to Holly)</i> <i>B St (93rd Ave to 94th Ave)</i> <i>96th Ave (A St to International)</i> <i>E St (92nd Ave to 98th Ave)</i>	4,111	6" & 8" iPVC DI on E St.
Beau Forest	Oakland	<i>Beau Forest Dr (Thornhill to Valley View)</i>	1,195	6" iPVC
Chapman, 29th Ave, Derby	Oakland	<i>Chapman St (23rd Ave to 29th Ave)</i> <i>Chapman St (29th Ave to Lancaster St)</i> <i>29th Ave (Ford St to E 7th St end)</i> <i>Derby Ave (Chapman to E 7th St)</i>	2,838	To be determined
Clemens Rd	Oakland	<i>Waterhouse Rd (Clemens to Casterline)</i> <i>Clemens Rd (Oakmore to Fruitvale)</i>	3,000	6" & 8" iPVC

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Continued: Table 1B—Pipeline IR Construction Projects, FY21

Street	City	Limits	Length (feet)	Size & Material [†]
Golf Links Cluster	Oakland	<i>Golf Links Rd (Burgos Ave to end)</i> <i>Calafia Ave (Dorisa to 3501 Calafia)</i>	1,062	6, 8" iPVC
Grand View Cluster	Oakland	<i>Grand View Drive (Gravatt Drive to Vicente Lane)</i> <i>Westview Drive (Grand View Drive to West View Place)</i> <i>Vicente Place (Vincente Rd to West View Dr)</i> <i>Vicente Rd (Grand View Drive to Vicente Place)</i> <i>10 foot Path (Vicente Place to 80' on 10 foot path)</i> <i>Westview Place (West View Place Drive to 100')</i>	2,560	6" - 8" STL & 2" Copper
Hayes Cluster	Oakland	<i>Hayes St (Seminary to 62nd Ave)</i> <i>Holway St (Seminary to 62nd Ave)</i>	1,507	6" DI
Hanly Rd	Oakland	<i>Hanly Rd (Hydrant 4257 to Waterhouse Rd)</i> <i>Waterhouse Rd (Hanly Rd to Lyman Rd)</i> <i>Benevides Ave (El Centro to end)</i>	1,900	6" iPVC
Hillegass and Regent [†]	Oakland	<i>Hillegass Ave (Woolsey to Alcatraz)</i> <i>Regent (Woolsey to Alcatraz)</i> <i>Benvenue (Woolsey to Alcatraz)</i>	2,845	6" iPVC
Hood Cluster	Oakland	<i>Hood St (Mark to end)</i> <i>107th Ave (Peralta Oaks to Shelton)</i> <i>Peralta Oaks Dr (107th Ave to Peralta Oaks Ct)</i> <i>Peralta Oaks Dr (Peralta Oaks Ct to end - kill only)</i> <i>R/W 3276 and 3318 (kill only, relocate hydrant)</i>	2,500	6" & 8" ERDIP 12" DI or iPVC
Kerrigan Dr, Bemis, Lochard St	Oakland	<i>Kerrigan Dr (Overmoor to end)</i> <i>Lochard St (Malcolm Roderick to 11456 Lochard)</i> <i>Bemis St (Ettrick to end)</i> <i>Aberfoil (Rodderick to Elvessa)</i> <i>Ettrick (Bemis to Turner)</i>	7,300	6" & 8" iPVC
Margarido Dr	Oakland	<i>Margarido Dr (Acacia Ave to Broadway Ter)</i> <i>Beechwood Dr (Country Club Dr to Romany Rd)</i> <i>Romany Rd (Beechwood Dr to Glenbrook Dr)</i> <i>Broadway Ter (Glenbrook Dr to Country Club Dr)</i> <i>Country Club Dr (Broadway Ter to Acacia Ave)</i> <i>Glenbrook Dr (Beechwood Dr to Broadway Ter)</i> <i>Bowling Dr (Country Club Dr to Glenbrook Dr)</i> <i>Lincolnshire Dr (Country Club Dr to Westminster Dr)</i> To be scheduled with Ocean View Dr (see Table D)	9,760	6" & 8" ML&PCS
Mira Vista Ave	Oakland	<i>Mira Vista Ave (Elwood to Valle Vista)</i>	1100	6" iPVC

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Continued: Table 1B—Pipeline IR Construction Projects, FY21

Street	City	Limits	Length (feet)	Size & Material [†]
Monadnock Cluster [‡]	Oakland	Monadnock Wy (Seminary to 62nd Ave) 63rd Ave (Camden to MacArthur)	1,815	6" iPVC
Monte Cresta Ave	Oakland	Monte Cresta Ave (Linda to Kingston Ave) Kingston Ave (Monte Cresta Ave to Monte Vista Ave) El Dorado Ave (Fairmount Ave to Bayo Vista Ave) Fairmount Ave (Moss Ave to El Dorado Ave)	2,540	6" iPVC
Montgomery St	Oakland	Montgomery St (Ridgeway to John)	710	6" iPVC
Mountain Blvd	Oakland	Mountain Blvd (Snake Rd to E-32059-B) Snake Rd (E-32061-A)	630	8" & 16" ML&PCS
Nicol Cluster	Oakland	Nicol Ave (Fruitvale to Maple) Maple Ave (Nicol to School) School St (Curran to Berlin) Curran Ave (School to south end) Berlin Wy (School to Maple) Coolidge Ave (Bona to Nicol)	6,425	4", 6", 8" DI
Perkins and Jayne [‡]	Oakland	Perkins St (Warwick to Orange) Jayne Ave (Perkins to Lee)	2,119	6" & 8" iPVC
Quigley Cluster [‡]	Oakland	Quigley St (35th Ave to end) 39th Ave (Quigley to Redding) Redding St (38th Ave to Maybelle) Loma Vista Ave (MacArthur to California) Kansas St (35th Ave to 38th Ave) 39th Ave (Masterson to Bayo)	7,780	6" iPVC 12" ML&PCS
San Juan St	Oakland	San Juan (Harrington to 38th Ave)	370	6" iPVC
Seneca St [‡]	Oakland	Seneca St: Zone gate (10' path) to cul-de-sac, 6" pipe at Seneca Res	1,470	8" HDPE
Sunnyhills Rd III	Oakland	Sunnyhills Rd (Northvale Rd to Hillcroft Cir) Rosemount Rd (Verreda Rd to Sunnyhills Rd) Hillcroft Cir (Sunnyhills Rd to Sunnyhills Rd) Larkspur Rd (Hillcroft Cir to end) E-19566 (2C35)	4,000	6" iPVC
Sunnyhills Rd II	Oakland Piedmont	Sunnyhills Rd (Midcrest to zone gate on Indian Rd) Creed Rd (Trestle Glen to end) Trestle Glen (Park Blvd to Cavanaugh Ct)	1,821	4" & 8" iPVC

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Continued: Table 1B—Pipeline IR Construction Projects, FY21

Street	City	Limits	Length (feet)	Size & Material [†]
Suter Cluster	Oakland	<i>Suter St (35th Ave to High St)</i> <i>Courtland Ave (Fleming Ave to Camden St)</i>	4,165	6" DI
Walnut Cluster	Oakland	<i>Walnut St (55th Ave to 6" Steel)</i> <i>56th Ave (Walnut to end)</i> <i>57th Ave (Walnut to end)</i> <i>Beal St (Walnut to end)</i>	1,785	4" & 6" DI
41st, 42nd, and Linden	Oakland Emeryville	<i>41st St (Adeline to Linden)</i> <i>Linden (41st St to 42nd St)</i> <i>42nd St (Adeline to Linden)</i>	1,134	6" & 8" DI
109th Ave [‡]	Oakland/ San Leandro	<i>109th Ave (Sunnyside to Myers) Oak</i> <i>Voltaire Ave (Durant to 109th Ave) Oak</i> <i>Warwick Ave (Durant Ave to Broadmoor Blvd) San Leandro</i>	2,740	6" & 8" iPVC
Wildwood Ave	Piedmont Oakland	<i>Wildwood Ave (Grand Ave to Sylvan Way)</i> <i>Sylvan Way (Wildwood Ave to End)</i>	1,610	8" iPVC
Manor Dr	Piedmont	<i>Manor Drive: Arroyo Ave to Cambridge Way</i>	1,316	6" iPVC
Andover Cluster [‡]	San Leandro	<i>Edgemoor Street: Manor Blvd to Fargo Ave</i> <i>Dewey Street: Manor Blvd to Fargo Ave</i> <i>Andover Street: Manor Blvd to Fargo Ave</i>	3,012	6", 8" iPVC
Endicott Cluster [‡]	San Leandro	<i>Endicott St (Manor to end)</i> <i>Crosby St (Manor to 14959 Crosby)</i> <i>Garside Ct (Crosby to end)</i>	1,890	6" iPVC
Merle Cluster	San Leandro	<i>Group 1:</i> <i>E Merle Ct (Alice Ave to W Merle Ct)</i> <i>W Merle Ct from (E Merle Ct to Dowling)</i> <i>Helen Ave (E Merle to Mitchell)</i> <i>Dowling (E Merle to Mitchell)</i> <i>Group 2:</i> <i>Chetland Rd (Oakes to Begier)</i> <i>Begier Ave (Chetland to Superior)</i> <i>Superior Ave (Begier to Oakes)</i> <i>Oakes Blvd (Superior to east end)</i> <i>Diehl Ave (Dutton to MacArthur)</i>	6,600	4" & 6" iPVC

Pipe Material: DI: Ductile-Iron / ERDIP: Earthquake Resistant Ductile-Iron Pipe / HDPE: High-Density Polyethylene / iPVC: Enhanced Polyvinyl Chloride / ML&PCS: Mortar-Lined and Plastic Coated Steel / PVC: Polyvinyl Chloride / STL: Steel

Attachment A

Pipeline Infrastructure Renewals Project

Project Description

This project involves the replacement of deteriorated pipelines in EBMUD's service area. A summary and project listing of forecasted pipeline design and construction activity are presented in the attached Tables 1A and 1B for Alameda County. See these tables and Figure 1 for the complete list of locations in the county.

Justification

The pipeline candidates are selected for replacement when it becomes more cost effective to replace them than to make frequent repairs. This will also reduce the number of costly interruptions in water delivery.

Permits

Encroachment permits will be obtained from the appropriate cities as required.

For coordination with outside agencies, a listing of forecasted EBMUD's design and construction activities in paved streets, identified as the Fiscal Year 2021 Pipeline Work Plan, was circulated to all agencies in EBMUD's Service Area on September 8th, 2020. The Work Plan is an annual document that outlines anticipated pipeline design and construction activities in paved streets for the current fiscal year.

Schedule

Projects classified as being in design are those projects that are currently in design or may be designed in FY21 (July 1, 2020 to June 30, 2021). These projects may reach construction phase as early as this fiscal year. A project listing of forecasted pipeline design activity is given in Table 1A.

A project listing of forecasted pipeline construction activity is given in Table 1B. Projects classified as being in construction are those projects that have been designed and are waiting for a scheduled construction start date. EBMUD seeks to maintain a construction backlog from which projects can be selected for construction in a cost-effective manner. Many of the projects listed in the following tables will be constructed in FY21. Projects that are not built in FY21 will carry over to subsequent years in the construction backlog.

Operational Impact

Implementation of this project will not affect the operation of EBMUD's water system. These projects typically replace water mains in kind (i.e., same routing, but may include nominal size increases). Construction will take place with the existing pipelines still in

service. Minimal interruptions in water service will occur for short periods of time when the new pipeline is connected to the existing pipeline.

Public Impact

EBMUD will minimize disruptions, in particular, traffic impacts, related to the pipeline replacement. Appropriate traffic control measures will be implemented during the construction. Driveways will remain accessible, and one way traffic will only be used adjacent to excavation pits and pipe assembly areas. In order to minimize delays, at least one lane of traffic will be maintained, and two-way traffic will be maintained whenever feasible.