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"Trusted Partner and Provider of Choice"

February 22, 2023

To: Supervisor Janice Hahn, Chair
Supervisor Hilda L. Solis
Supervisor Holly J. Mitchell
Supervisor Lindsey P. Horvath
Supervisor Kathryn Barger

From: Selwyn Hollins
Director

URBAN WATER CONSERVATION MEASURES AND ASSISTANCE IN UNINCORPORATED LOS ANGELES COUNTY (ITEM #19 AND ITEM #29 AGENDA OF AUGUST 30, 2022)

BACKGROUND

On August 30, 2022, the Board of Supervisors (Board) adopted a motion, "Urban Water Conservation Measures & Assistance in Unincorporated Los Angeles County", directing the Departments of Public Works (PW), Parks and Recreation (DPR), and Internal Services Department (ISD) to report back in writing within six months with identification and quantification of non-functional turf areas in their facilities and a prioritized plan for replanting these areas consistent with the requirements of new Board Policy No. 3047- Water Conservation.

The motion calls for the "Department of Public Works, Department of Parks and Recreation, and Internal Services Department to explore state and federal fundings as well as programs available through local water agencies such as the Metropolitan Water District to support turf removal and replacement and other water efficiency upgrades." The motion also instructs "…all County Departments that manage landscaping contracts to report back in writing within six months with identification and quantification of non-functional turf (NFT) areas in their facilities and a prioritized plan for replanting these areas consistent with the requirements in the new Board Policy."

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

California is experiencing a historic drought which severely worsened starting in 2020. State water supplies have been severely impacted, including the two major sources of imported water that the Los Angeles region relies on, the State Water Project and the Colorado River, which together typically supply 60% or more of our region's water. This year, the State Water

Project will only provide 5% of requested water supplies. Reservoirs fed by the Colorado River are now at historically low levels, threatening their ability to provide electricity as well as water supply, and California may have to cut water supply from that source for the first time since the aqueduct from the river was built in the 1930s. The federal government has suggested that next year, supplies from the Colorado River may need to be reduced by an amount equal or greater to the entire allocation to the State of Arizona, which gets over a third of its water from that source. In response, the State has imposed emergency drought restrictions. More stringent requirements may be proposed in the coming months, especially if conditions do not improve during the recent wet weather season.

The motion guides County departments to identify non-functional turf to help convert these areas into water efficient landscaping while exploring ways to obtain available funding. To support the motion:

- ISD is currently performing surveys of its 144 landscape sites to identify the NFT areas. Then, ISD will prioritize these sites with the plan to obtain available fundings to help offset the cost. with the overall goal of converting non-functional turf into aesthetically pleasing sites that are water efficient.

- PW has assessed its approximately 80 facilities including roadway medians and determined that approximately 1% of the 11 million square feet of non-paved area would be considered irrigated NFT as PW has mostly replaced NFT with drought tolerant landscaping. The majority of PW's NFT are at airports and are often used as viewing areas for aircraft and should be considered exempt. In addition, since 2016, PW has not irrigated any NFT areas within its road right-of-way which includes parkways and roadway medians.

FISCAL IMPACT/FINANCING

Renovation to existing landscape systems and design inevitably comes with a financial cost. While historical practices in the region have focused on upgrades of existing irrigation sprinkler system to water efficient system because it costs less to do so, such efforts are not as proactive as the Board of Supervisor's Motion to significantly reduce water consumption given the emergency drought issue faced in the region. Since customer departments may not have forecasted any potential landscape renovations, ISD and PW will do the following to assist:

- ISD will prioritize the list of facilities to convert that are under ISD contract. It will be done based on greatest need and best return on investment, to help develop a schedule that will minimize any disruption to business operations. To assist the departments that may be identified with a targeted location, ISD will partner with them to explore rebate and funding opportunities in addition to what is listed below.

- PW will continue to implement native/drought tolerant landscaping, use high efficiency irrigation equipment when irrigation is needed, and capture and use rainwater to increase water resiliency in the design and construction of any County Capital Improvement Project or infrastructure project per the State's Model Water Efficient Landscape Ordinance (MWELO).

Potential Grants and Rebate Opportunities Available

The primary turf removal and replacement program within Los Angeles County is run by the Metropolitan Water District (MWD) and is open to properties within their service area. ISD will partner with departments that have locations identified as priorities to submit for these grants. Once grants are approved, applicants have 180 days to complete their project. After completion of the project, the applicant submits a post-project rebate request. This program provides $3.00 per square foot to replace turf.

The rebate program sets certain criteria for what may be used as replacement for turf. These criteria include projects may not use synthetic turf; no hardscape is allowed within the transformed area, except for permeable hardscape; at least three plants must be planted per 100 square feet of lawn transformed; there must be a stormwater retention feature; and there must be replacement or modification of overhead spray sprinklers to a more water efficient irrigation system (such as drip irrigation).

In addition to the local turf replacement programs such as the one offered by MWD, there are occasional funding opportunities offered through the State. The Urban Community Drought Relief Program is one of three Department of Water Resources' Drought Relief Grant Programs that offers financial assistance to address drought impacts. One of the focus areas for this funding is turf replacement. MWD was granted an initial funding award from this program in February 2023 for a regional turf replacement incentive program. So, this grant program while available to the County, is also being utilized by water purveyors to fund projects and programs that benefit the County.

There are several resources for funding and rebates through Bewaterwise.com under Metropolitan Water District (MWD):

Commercial Equipment Rebates

Weather based irrigation controller	$35/station for active systems
Rotating nozzles for pop-up spray heads	$2/nozzle (minimum 30)
Large rotary nozzles	$14/nozzle (minimum 8)
In-Stem flow regulators	$1/regulator (minimum 25)
Soil moisture sensor systems	$35/station for active systems

Lead Department Identification and Quantification of Non-Functional Turf

Internal Service Department (ISD)

Attachment (A) is a list of all locations that ISD, Custodial and Landscaping Division (CLD) provides landscape services. The report shows each location and the square footage of functional and nonfunctional turf. As of today, ISD provides ongoing landscape maintenance to 144 sites, and this can change at any time due to cancellation or addition of service requests. The combined plot size of these 144 sites is 16.1 million square feet. Of the total square footage, 6.3 million square feet (39%) of the plot size is actual landscape vegetation comprised of planters and turf (both functional and nonfunctional turf). Of the 6.3 million square feet, turf makes up approximately 3.9 million square feet of the landscape. Non-functional turf is approximated at 2.4 million square feet whereas functional turf is 1.5 million square feet. The attached list of proposed sites has been prioritized by locations with the largest size of non-functional grass. The first ten facilities have been highlighted in grey.

Public Works

Attachment B shows a list of all locations that PW provides landscaping services. As shown, PW manages approximately 11 million square-feet of non-paved area but only approximately 1% of these areas have irrigated NFT. PW has been active in adopting sustainability and resiliency in our facilities and have been active in retrofitting NFT with drought tolerant and native landscaping including retrofitting 60,000 square feet at our headquarters building with drought tolerant, native landscaping. The vast majority of PW's NFT areas are located at the PW operated airports and are mostly intended for public use for aircraft viewing and should be exempt from NFT requirements. PW will continue to the convert remaining NFT areas at our building facilities when they are scheduled to be retrofitted as part of our asset management plan.

PW operates and maintains 26 Landscape Maintenance District (LMD) zones which is a special benefit district that is maintained and operated through funds collected directly from property owners within the zone boundary. In total, the LMDs have approximately 455,000 square feet of NFT which all comply with local water usage restrictions. Many of these zones were created decades ago without any inflation adjustment factor accounted for on the yearly annual assessment fee. The annual assessment fee can only be raised through the Proposition 218 process, which requires that residents within the zone boundary approve the increase through a vote. Due to the lack of an inflation adjustment factor during the creation of most zones, the increase in costs over time, and the lengthy Proposition 218 process, most zones do not have funds for activities other than routine maintenance. Due to these restricting circumstances, the Board passed Item 23 on June 22, 2021 agenda, directing the County to develop a plan to address funding issues and increase transparency with zone residents. As part of addressing these issues, Public Works will also look into collaborative capital projects with LMDs such as the East Los Angeles Sustainable Median Stormwater Capture Project, which converted the previously 348,000 square feet of NFT areas to a multi-benefit drought tolerant landscaped area.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

Internal Service Department

When adopting and implementing the motion to adhere to policy 3047, Custodial and Landscaping Division (CLD) will partner with ISD contractors to apply the following to all irrigation systems:

1. All new static spray irrigation equipment must be WaterSense certified or equivalent. Operation of existing static spray irrigation systems, as well as other new overhead irrigation systems such as those using rotary heads, must comply with other requirements in this Policy.

2. All new or replacement irrigation systems, as well as existing systems for large landscaped or vegetated areas (at least 3 acres in size), must have 3/4 rain sensors that shut off the systems. Within 6 months of adoption of this Policy, departments must identify existing systems in need of rain sensors per this directive, and to the extent feasible install rain sensors within a year; for remaining systems, identify and request necessary resources to implement rain sensors.

3. New or replacement irrigation systems must allow for separate watering of trees.

Pilot Program Approach

Internal Service Department

ISD has listed 10 facilities as part of our initial pilot program. These were chosen due to their large amount of non-functional turf. ISD's current contractual requirements for landscaping does not include specific requirements for the utilization of water efficient equipment or methodology. ISD will build these requirements for future contracts to be a part of the new solicitations that is upcoming in 2024 and on. Currently, there are two contracts in place, as listed below:

BOS District #	# Of location	Contract expiration date
1	53	03/31/2024
2	14	03/31/2024
3	17	03/31/2024
4	18	03/31/2024
5	34	03/31/2024
1	9	12/31/2024
4	1	12/31/2024
5	1	12/31/2024

IMPACT ON CURRENT SERVICES (OR PROJECTS)

1. Funding and programs: this could potentially result in additional funding for county operations and contracted services to support these initiatives and offsets costs.

2. Identifying and quantifying non-functional turf areas: this could require additional resources and time for county operations and contracted services to complete this task; currently there is no precise survey of existing sites. For example, DPR recommended in the report back on to the Board of Supervisors on “Resources Needed to Implement Water Conservation Measure at Department of Parks and Recreation Facilities” the need to with a consultant to provide a nonfunctional turfgrass removal proposal and design for each applicable park. Field surveys and more detailed analysis are required to provide specific amounts of nonfunctional turfgrass. This would be to provide an evaluation of all parks, engage in meetings with field staff, and to create graphics depicting recommended turf reduction areas.

3. Placing turf and implementing water conservation measures: this could result in additional costs for county operations and contracted services as well as potential disruptions to landscaping services while the turf is being replaced.

4. The water conservation measures will reduce the county's water consumption, this would also save the county money by reducing water bills; however, initial costs to renovate and upgrade will come at the cost of removing and replacing non-functional turf and implementing other water efficiency upgrades.

5. Compliance with state drought restrictions: the motion is in response to the ongoing drought in California and the state’s imposition of emergency drought restrictions. county operations and contracted services may need to comply with these restrictions which could result in additional costs.

CONCLUSION

In conclusion, the Board of Supervisors' motion on "Urban Water Conservation Measures & Assistance in Unincorporated Los Angeles County" aims to address the critical issue of drought in California by directing the ISD, PW, DPR to identify and quantify Non-Functional Turf (NFT) areas in their facilities and provide a plan for replanting with water-efficient landscaping. ISD is currently conducting surveys of 144 landscape sites and prioritizing them for conversion, exploring available funding and rebate opportunities, and minimizing any disruption to business operations. ISD has provided an attachment with a list of all locations and the square footage of functional and non-functional turf. The goal is to transform non-functional turf into aesthetically pleasing, water-efficient landscapes while being mindful of the financial cost of such upgrades; add all new requirements to the new landscape

solicitation or during the options years, if possible. ISD will report back with the results when new contracts or renewals take effect in 2024.

If you have any questions, please contact me at (323) 267-2101, via email: shollins@isd.lacounty.gov, or your staff may contact Michael Eugene at (323) 267-2107, via email: meugene@isd.lacounty.gov.

SH:MO:LG:SS:CC

Attachments

c: ISD Board Deputies
Chief Executive Officer
Department of Parks and Recreation
Executive Office, Board of Supervisors
Public Works

Attachment A- Los Angeles County Internal Service Department Non-Functional Turf Areas

Building Name	Primary Address	Primary City	Landscape Lot Size	Planter Sq. Ft.	Functional Grass	Non-Functional
SYLMAR JUVENILE COURTSHOUSE/ B.J. NIDORF ADMINI	16350 FILBERT ST	SYLMAR	385,282	55,000	125,000	425,000
JUVENILE HALL-ADMINISTRATION BUILDING-4	1605 EASTLAKE AVE	LOS ANGELES	934,612	85,000	95,000	350,000
MACLAREN CHILD CENTER-STORAGE SHED 2	4024 N DURFEE AVE	EL MONTE	544,582	21,250	0	289,500
JUVENILE CAMP SCUDDER ADMIN	28750 BOUQUET CANYON ROAD	SANTA CLARITA	555,000	62,530	99,650	195,630
JUVENILE CAMP MUNZ	42220 N LAKE HUGHES ROAD	LAKE HUGHES	308,000	32,500	65,000	165,300
JUVENILE CAMP MENDENHALL	42230 N LAKE HUGHES ROAD	LAKE HUGHES	378,000	39,600	62,000	162,300
CAMP SCOTT - ASSESSMENT UNIT	28700 N BOUQUET CANYON RD	SANTA CLARITA	450,000	35,030	93,154	115,320
SHERIFF-LASER VILLAGE I	1060 N EASTERN AVE	LOS ANGELES	682,000	195,000	0	85,000
DCSS-ANTELOPE VALLEY SENIOR CENTER	777 W JACKMAN ST	LANCASTER	99,191	3,600	0	71,200
HARRY HUFFORD REGISTRAR-RECORDER/CO CLERK BLD	12400 E IMPERIAL HWY	NORWALK	413,653	39,200	0	57,150
LANCASTER COURTHOUSE-SERVICES BUILDING (VAC)	1110 W AVENUE J	LANCASTER	113,000	1,000	0	53,700
ANTELOPE VALLEY SERVICE CENTER-BUILDING B	335 E AVENUE K-6 A-B-C	LANCASTER	49,705	18,800	0	49,000
WEST COVINA COURTHOUSE	1427 WEST COVINA PKWY	WEST COVINA	124,207	12,160	9,200	45,900
CHALLENGER YOUTH CENTER-STAFF DORMITORY BLDG	5300 W AVENUE I	LANCASTER	1,257,000	6,230	584,000	36,000
PW SEWER-OFFICE/LABORATORY/EQUIPMENT ROOM	6338 PASEO CANYON DR	MALIBU	105,000	65,000	0	31,000
PUBLIC HEALTH LABORATORIES BUILDING 1100	12750 ERICKSON AVE	DOWNEY	121,295	12,130	0	21,260
Sheriff/Sybil Brand Institute	4500 City Terrance	LOS ANGELES	455,000	8,000	0	19,000
RANCHO LOS AMIGOS CHILDREN'S CENTER	7755 GOLONDRINAS ST	DOWNEY	35,254	1,300	0	18,340
SHERIFF CRIME LAB	7717 GOLONDRINAS ST	DOWNEY	55,021	1,350	0	18,080
KENNETH HAHN HALL OF ADMINISTRATION	500 W TEMPLE ST	LOS ANGELES	247,810	35,000	0	18,000
LANCASTER JUVENILE COURTHOUSE	1000 W AVENUE J	LANCASTER	61,668	0	0	15,000
PH-POMONA PUBLIC HEALTH CENTER	750 S PARK	POMONA	47,043	2,325	0	12,750
ALFRED J MC COURTNEY JUVENILE JUSTICE CENTER	1040 W AVENUE J	LANCASTER	182,000	17,900	0	12,000
SANTA CLARITA GOVERNMENT CENTER BUILDING	23757 W VALENCIA BLVD	SANTA CLARITA	46,000	4,700	0	12,000
DPW ROAD-VENTURA PARK & RIDE PARKING LOT	10801 VENTURA BLVD	STUDIO CITY	33,516	0	0	10,795
LANCASTER COURT-DELINQUENCY CRT/DETECTIVE DIV	1010 W AVENUE J	LANCASTER	42,638	8,400	0	10,300
EAST LOS ANGELES COUNTY HALL	4801 E 3RD ST	EAST LOS ANGELES	46,254	11,936	0	9,683
DCSS-EAST LOS ANGELES SERVICE CENTER	133 N SUNOL DR	EAST LOS ANGELES	93,000	6,990	0	8,850
PH-WHITTIER PUBLIC HEALTH CENTER	7643 S PAINTER AVE	WHITTIER	15,335	4,560	0	8,740
CEO/VALENCIA CIVIC CENTER	23743 W VALENCIA BLVD	SANTA CLARITA	33,442	3,520	0	8,550
PUBLIC LIBRARY - EAST LOS ANGELES LIBRARY	4837 E. 3RD ST	EAST LOS ANGELES	85,952	15,367	15,633	7,951
PH-GLENDALE PUBLIC HEALTH CENTER	501 N GLENDALE AVE	GLENDALE	56,088	10,500	0	7,680
PROBATION-RIO HONDO AREA OFFICE	8240 S BROADWAY AVE	WHITTIER	76,850	12,910	0	7,645
DCSS-ALTADENA SENIOR CENTER	560 E MARIPOSA ST	ALTADENA	41,933	2,535	0	6,584
PH-ENVIRONMENTAL HEALTH HEADQUARTERS	5050 COMMERCE DR	BALDWIN PARK	71,003	4,270	0	6,070
PROBATION SANTA CLARITA	23759 W VALENCIA BLVD	SANTA CLARITA	22,000	1,500	0	5,800
PW SEWER-MALIBU SEWAGE TREATMENT PLANT	3620 VISTA PACIFICA ST	MALIBU	43,000	18,439	0	5,422
FORT MOORE PIONEER MEMORIAL	501 N HILL ST	LOS ANGELES	55,505	29,500	0	5,000
PROBATION-EAST LOS ANGELES AREA OFFICE	4849 E CIVIC CENTER WAY	EAST LOS ANGELES	23,459	15,807	0	4,996
YAROSLAVSKY FAMILY SUPPORT CNTR	7555 VAN NUYS BLVD	VAN NUYS	289,531	47,555	0	4,654
FIRE-L.A. COUNTY LIFEGUARD TRAINING CENTER	2600 THE STRAND	MANHATTAN BEA	21,204	3,800	0	4,515
PH-NORTH HOLLYWOOD PUBLIC HEALTH CENTER	5300 TUJUNGA AVE	NORTH HOLLYWO	41,500	595	0	4,200
LOMITA ADMINISTRATIVE CENTER	24320 NARBONNE AVE	LOMITA	19,660	9,500	0	4,100
ANIMAL CONTROL #3-ADMINISTRATION BUILDING	216 W VICTORIA ST	CARSON	63,310	6,800	0	4,000
Mental Health/Olive View Urgent Care Center	14659 Olive View	SYLMAR	138,000	37,325	0	3,895
EAST LA CIVIC CENTER-COMFORT STN/TOOL STORAGE	5019 E 3RD ST	EAST LOS ANGELES	14,424	3,850	2,840	3,810
ISD-DIST 2 FACILITIES OPERATIONS SERVICE BLDG	13811 DEL SUR ST	SAN FERNANDO	10,170	3,150	0	3,570
NORTHEAST JUVENILE JUSTICE CENTER BLDG-1	1601 EASTLAKE AVE	LOS ANGELES	113,794	8,450	0	3,450
CEO - ELA CIVIC CNTR CHILD CARE	4824 CIVIC CENTER WAY	EAST LOS ANGELES	24,400	7,734	0	3,239
PW-CITY OF INDUSTRY/LA PUENTE DISTRICT OFFICE	16005 E CENTRAL AVE	LA PUENTE	27,396	5,770	0	3,200
SHERMAN BLOCK SHERIFF'S HEADQUARTERS BUILDING	4700 W RAMONA BLVD	MONTEREY PARK	534,000	165,000	0	3,200
REGISTRAR RECORDER - VAN NUYS	14340 W SYLVAN ST	VAN NUYS	14,394	350	0	2,685
CENTRO MARAVILLA SERVICE CENTER-BLDG B	4716 CESAR E CHAVEZ AVE	EAST LOS ANGELES	59,000	7,962	0	2,660
SANTA CLARITA COURTHOUSE	23747 W VALENCIA BLVD	SANTA CLARITA	151,000	5,200	0	2,530
DPSS-COMPTON AP DISTRICT OFFICE	211 E ALONDRA BLVD	COMPTON	112,466	12,850	0	2,500
PARKING LOT (DPSS-NORWALK AP DISTRICT)	12819 NORWALK BLVD	NORWALK	40,258	4,815	0	2,300
SANTA CLARITA VALLEY-SHERIFF STATION	23740 W MAGIC MOUNTAIN PKWY	SANTA CLARITA	7,921	1,955	0	2,186
DPSS-SOUTH CENTRAL AP DISTRICT OFFICE	10728 S CENTRAL AVE	LOS ANGELES	85,937	6,145	0	2,100
PARKING LOT(SAN GABRIEL VALLEY SVC CTR)(TERM)	1441 SANTA ANITA AVE	SOUTH EL MONTE	30,112	4,638	0	1,920
ASSESSOR-LANCASTER REGIONAL OFFICES	251 E AVENUE K-6	LANCASTER	60,320	2,960	0	1,850
PROBATION-EAST SAN FERNANDO VALLEY AREA OFFIC	14414 W DELANO ST	VAN NUYS	4,988	465	0	1,830
PROBATION-CENTRAL TRANSCRIBING OFFICE	200 W WOODWARD AVE	ALHAMBRA	3,217	400	0	1,555
DHS-CANOGA PARK HEALTH CENTER (P/PP SITE)	7107 REMMET AVE	CANOGA PARK	6,648	1,320	0	1,545
DPSS-POMONA WS DISTRICT OFFICE	2040 W HOLT AVE	POMONA	83,096	1,180	0	1,520
PH-BURBANK PUBLIC HEALTH CENTER	1101 W MAGNOLIA BLVD	BURBANK	2,200	700	0	1,471
PH-PACOIMA PUBLIC HEALTH CENTER	13300 VAN NUYS BLVD	PACOIMA	7,242	790	0	1,235
PARKING (DPSS-POMONA WS DISTRICT OFFICE)	340 SHORT ST	POMONA	96,712	3,210	0	1,200
OLD BELLFLOWER HEALTH CENTER (DEMO)	10005 E FLOWER ST	BELLFLOWER	18,957	3,524	0	985
DHS-EDWARD ROYBAL COMPREHENSIVE HEALTH CENT	245 S FETTERLY AVE	EAST LOS ANGELES	126,457	9,140	0	850
DPSS-LINCOLN HEIGHTS WS DISTRICT OFFICE	4077 N MISSION RD	LOS ANGELES	3,100	1,350	0	785
PH-DR RUTH TEMPLE PUBLIC HEALTH CENTER	3834 S WESTERN AVE	LOS ANGELES	47,000	3,200	0	600
DEPT OF ANIMAL CARE AND CONTROL HEADQUARTERS	5898 CHERRY AVE	LONG BEACH	37,670	1,125	1,098	570
PH - MARTIN LUTHER KING JR. CENTER FOR PUBLIC HEA	11833 S WILMINGTON	LOS ANGELES	18,497	9,691	0	515
ISD-ADMINISTRATIVE HEADQUARTERS	1100 N EASTERN AVE	LOS ANGELES	60,530	14,150	0	500
CEO - COUNTY EMERGENCY OPERATIONS CENTER (EOC)	1275 N EASTERN AVE	LOS ANGELES	62,627	10190	0	150
PARKING/MAINT GARAGE (ALAMEDA STREET GARAGE)	1035 ALAMEDA ST	LOS ANGELES	543	0	0	0
PARKING LOT (LANCASTER COURTHOUSE ANNEX)	1040 W AVENUE J	LANCASTER	25,615	2,500	0	0
PARKING/MAINT GARAGE (ALAMEDA STREET GARAGE)	1055 N ALAMEDA ST	LOS ANGELES	10,400	3,250	0	0
ISD-EASTERN AVE COMPLEX SPECIAL CRAFTS BLDG	1106 N EASTERN AVE	LOS ANGELES	20,856	2,100	0	0
ISD-EASTERN AVE COMPLEX TELECOM BRANCH BLDG	1110 N EASTERN AVE	LOS ANGELES	250,155	12,220	0	0
LANCASTER COURTHOUSE-CENTRAL PLANT	1121 W AVENUE J-2	LANCASTER	115,512	10,000	0	0
ISD-DIST 3 FACILITIES OPERATIONS SERVICE BLDG	11236 PLAYA CT	CULVER CITY	11,154	2,100	0	0

Attachment A- Los Angeles County Internal Service Department Non-Functional Turf Areas

Building Name	Primary Address	Primary City	Landscape Lot Size	Planter Sq. Ft.	Functional Grass	Non-Functional
ANIMAL CONTROL #1-CHICKEN COOP TRAILER (DEMO)	11258 GARFIELD AVE	DOWNEY	55,534	2,575	1,600	0
HS - TEMP EMERGENCY SHELTER/HARBOR FREE CLINIC	122 W 8TH STREET	SAN PEDRO	4,375	1,800	0	0
PH- CURTIS TUCKER PUBLIC HEALTH CENTER	123 W MANCHESTER	LOS ANGELES	57,000	7,500	0	0
PW-SAN GABRIEL VALLEY DISTRICT OFFICE	125 S BALDWIN AVE	ARCADIA	55,520	20,320	0	0
FIRE STATION	12605 OSBORNE ST	PACOIMA	619,102	125,000	0	0
Sheriff Communications Center	1277 Eastern	LOS ANGELES	122,000	18,520	0	0
DCSS-WILLOWBROOK SENIOR CENTER	12915 S JARVIS AVE	LOS ANGELES	65,229	19,500	0	0
SHERIFF - EAST LOS ANGELES SPECIAL ENFORCEMENT B	130 S. FETTERLY AVE.	EAST LOS ANGELES	31,717	3,300	6,550	0
SHERIFF - INTERNAL CRIMINAL INVESTIGATIONS BUREA	13001 DAHLIA AVE	DOWNEY	33,852	16,280	0	0
FIRE-ADMINISTRATIVE HEADQUARTERS BLDG - LA-RICS	1320 N EASTERN AVE	LOS ANGELES	20,575	0	0	0
FIRE-ADMINISTRATIVE HEADQUARTERS BLDG - LA-RICS	1320 N EASTERN AVE	LOS ANGELES	712,990	162,640	0	0
PROBATION CENTINELA OFFICE/PW-BLDG & SAFETY	1320 W IMPERIAL HWY	LOS ANGELES	34,928	17,000	0	0
DCSS-EAST LOS ANGELES SERVICE CENTER	133 N SUNOL DR	EAST LOS ANGELES	92,722	0	0	0
PROBATION CENTINELA OFFICE/PW - BUILDING & SAFE	1330 W. IMPERIAL HWY	LOS ANGELES	34,928	17,000	0	0
PARKING GARAGE (LOT 10-COUNTY MALL PHASE II)	145 N BROADWAY	LOS ANGELES	0	2,500	0	0
PW CENTRAL YARD-SURVEY OFFICE	1525 ALCAZAR ST	LOS ANGELES	12,613	785	0	0
TTC - PUBLIC ADMINISTRATOR WAREHOUSE	16610 CHESTNUT ST	CITY OF INDUSTRY	221,862	17,790	0	0
ISD-DIST 4/FOS MONROVIA CRAFTS SHOPS BUILDING	1703 S MOUNTAIN AVE	MONROVIA	85,907	450	0	0
DPSS-FLORENCE AP DISTRICT OFFICE	1740 E GAGE AVE	LOS ANGELES	81,104	1,300	0	0
BOB HOPE PATRIOTIC HALL (CLOSED)	1816 S FIGUEROA ST	LOS ANGELES	25,062	2,900	0	0
DPW FAIRPLEX PARK-N-RIDE	1819 GILLETTE RD	POMONA	233,064	6,190	0	0
HALL OF JUSTICE	211 W TEMPLE ST	LOS ANGELES	26,338	19,500	0	0
DPW ROAD DIV #518-VIA VERDE PARK & RIDE LOT	21302 VIA VERDE AT SAN BERNARDINO FRWY	COVINA	1,380	8,230	0	0
DPSS-EAST L A GROW EMPLOYMENT SERVICES CENTER	2200 N HUMBOLDT ST	LOS ANGELES	42,103	55	0	0
PW CENTRAL YARD-SHOP OFFICE BLDG	2275 ALCAZAR ST	LOS ANGELES	70,803	15,590	0	0
PARKING LOT 61 (DPSS-COMPTON DISTRICT)	228 E ALONDRA BLVD	COMPTON	46,324	2,240	0	0
DPSS-METRO NORTH AP/ CALWORKS DISTRICT OFFICE	2601 WILSHIRE BLVD	LOS ANGELES	6,500	3,100	0	0
SANTA CLARITA SHERIFF STATION	26201 GOLDEN VALLEY ROAD	SANTA CLARITA	97,005	2,350	0	0
DPSS-METRO EAST AP DISTRICT OFFICE	2855 E OLYMPIC BLVD	LOS ANGELES	47,050	5,545	0	0
PITCHESS DETENTION CENTER	29320 THE OLD ROAD	VALENCIA	56,000	6,950	0	0
ANIMAL CONTROL #7-ADMINISTRATION BUILDING	29525 W AGOURA RD	AGOURA HILLS	150,000	65,000	0	0
CIVIC CENTER COGENERATION PLANT	301 N BROADWAY	LOS ANGELES	25,000	8,000	0	0
HALL OF RECORDS	320 W TEMPLE ST	LOS ANGELES	46,000	27,500	0	0
PARKING STRUCTURE (DPSS-CIVIC CENTER GR DIST)	321 S HEWITT ST	LOS ANGELES	13,101	0	0	0
MENTAL HEALTH-ARCADIA MENTAL HEALTH SERVICES	330 E LIVE OAK AVE	ARCADIA	28,124	11,100	0	0
PH - MONROVIA PUBLIC HEALTH CENTER	330 W MAPLE	MONROVIA	6,211	1,129	0	0
ANIMAL CARE & CONTROL - EAV	38550 SIERRA HIGHWAY	PALMDALE	154,000	44,330	0	0
PW SEWER-MALIBU MESA SEWAGE TREATMENT PLANT	3863 MALIBU COUNTRY DR	MALIBU	117,000	81,815	0	0
EXPOSITION PARK BUILDING & PARKING STRUCTURE	3965 S VERMONT AVE	LOS ANGELES	7,099	1,900	0	0
CULVER CITY COURTHOUSE	4130 OVERLAND AVE	CULVER CITY	15,366	7,500	0	0
CAMP KILPATRICK	427 S. ENCINAL CANYON RD	MALIBU	128,932	90,000	27,000	0
ANIMAL CONTROL #4-ADMINISTRATION BUILDING	4275 N ELTON ST	BALDWIN PARK	26,601	1,152	3,200	0
CENTRO MARAVILLA SERVICE CENTER-BLDG C	4716 CESAR E CHAVEZ AVE	EAST LOS ANGELES	0	0	0	0
CENTRO MARAVILLA SERVICE CENTER-BLDG A	4716 CESAR E CHAVEZ AVE	EAST LOS ANGELES	0	0	0	0
EAST LOS ANGELES CIVIC CENTER - BELVEDERE LAKE	4901 E. 3RD ST	EAST LOS ANGELES	434,656	19,250	261,000	0
PH - HOLLYWOOD/WILSHIRE PUBLIC HEALTH CENTER	5205 MELROSE	LOS ANGELES	7,845	2,500	0	0
DPSS-BELVEDERE AP DISTRICT OFFICE	5445 E WHITTIER BLVD	EAST LOS ANGELES	26,328	5,600	0	0
ISD - DISTRICT 2/FACILITIES OPERATIONS SERVICE VACA	720 N SPRING ST	LOS ANGELES	9,500	800	0	0
DCSS-ALTADENA COMMUNITY CENTER	730 E ALTADENA DR	ALTADENA	27,000	8,455	0	0
PW ROAD-VINCENT GRADE/ACTON METROLINK STATIO	730 W SIERRA HWY AT ANGELES FOREST HWY	PALMDALE	137,280	54,330	0	0
KENYON JUVENILE JUSTICE CENTER	7625 S. CENTRAL AVE	LOS ANGELES	39,295	800	0	0
DCSS-SAN PEDRO SERVICE CENTER	769 W 3RD ST	SAN PEDRO	31,900	27,000	0	0
DCSS-POTRERO HEIGHTS PARK	8051 ARROYO DR	MONTEBELLO	42,550	12,020	10,790	0
DPSS-CUDAHY A/P DISTRICT OFFICE	8130 S ATLANTIC AVE	CUDAHY	92,622	1,725	0	0
PROBATION-FIRESTONE AREA OFFICE	8526 S GRAPE ST	LOS ANGELES	44,440	3,485	0	0
DOWNEY ADMIN CTR - ISD/FOS DIST 4 WATER TANK	9150 E IMPERIAL HWY	DOWNEY	17,799	11,950	0	0
SAN FERNANDO COURTHOUSE ANNEX (UNUSED)	919 1ST ST	SAN FERNANDO	38,481	7,115	0	0
MH/DCFS-FAMILY SERVICES CENTER	921 E COMPTON BLVD	COMPTON	130,516	2,345	0	0
DPSS-PASADENA AP DISTRICT OFFICE	955 N LAKE AVE	PASADENA	23,857	4,240	0	0
PKG STRUCTURE (LOT 93-BELLFLOWER CIVIC CENTR)	9951 E FLOWER ST	BELLFLOWER	34,986	17,790	0	0
EAST LA FREEWAY FENCE	999 MEDNICK ST.	EAST LOS ANGELES	34,025	34,025	0	0
FIRE & EMERGENCY MEDICAL SERVICE OPERATIONS	1061 S GRAND AVE	DIAMOND BAR	42,656	8,100	0	0
			16,189,028	2,407,714	1,462,715	2,474,371
				6,344,800 sq. ft Planter + Grass		
					3,937,086 sq. ft. Total Grass	

Total Lot Size	16,191,528
Total Landscape (Planters and Grass)	6,344,800
Total Landscape/Lot size	39%
Planter size/Lot size	15%
Total Grass /Lot size	24%
Non-functional grass/Lot size	15%
Functional grass/Lot size	9%

Planter size/Total landscape size	38%
Total grass /Total landscape size	62%
Non-functional grass/Total landscape size	39%
Functional grass/Total landscape size	23%

Non-functional Grass/Total Grass	63%
Functional Grass/Total Grass	37%

Attachment B – Los Angeles County Public Works Non-Functional Turf Areas

Site	Address	City	Non-paved area (SF)	Non-Functional Turf Area (SF)
Altadena Yard	252 W. Mountain View St.	Altadena	2,612	0
Brackett Field Airport	1615 McKinley Ave.	La Verne	3,840,398	0
Compton/Woodley Airport	901 W. Alondra Blvd.	Compton	428,410	34,497
General Wm. J. Fox Airfield	4725 William J. Barnes Avenue	Lancaster	3,823,056	69,045
San Gabriel Valley Airport	4233 N Santa Anita Ave.	El Monte	552,380	0
Whiteman Airport	10000 Osborne St.	Pacoima	65,535	18,000
Headquarters	900 S Fremont Ave.	Alhambra	60,901	0
Baldwin Park Yard	14514 Central Avenue	Baldwin Park	1,896	0
Central/Lower Yard	1525 Alcazar St.	Los Angeles	4,125	0
Central/Upper Yard	2275 Alcazar St.	Los Angeles	37,675	0
Eaton Yard	2811 Woodlyn Rd.	Pasadena	24,945	0
Placerita Yard	22234 Placerita Cyn Rd.	Newhall	4,608	0
Road Maintenance District 1	14747 E Ramona Blvd.	Baldwin Park	30,940	0
Road District (RD) 416/116	14959 E Proctor Ave.	La Puente	2,147	0
RD 417/517/117	19865 E Walnut Dr.	Walnut	7,294	0
RD 518	161 N Valencia Street	Glendora	7,959	0
RD 518A	5150 N Mt Baldy Rd.	Claremont	2,170	0
RD 518B	Glendora Mountain Rd.	Azusa	2,381	0
RD 519	5213 North Encinita Ave.	Temple City	8,578	0
RD 519	California Boulevard Medians	San Gabriel Valley	11,761	0
RD 519	Michigan Boulevard Medians	San Gabriel Valley	58,124	0
RD 519	Woodward Boulevard Medians	San Gabriel Valley	68,053	0
RD 119	Potrero Grande Drive Medians	Rosemead	37,018	0
RD 119	Parmount Boulevard Medians	Rosemead	7,478	0
RD 523	17931 Sierra Hwy.	Canyon Country	2,190	0
RD 524	3916 Dunsmore Ave.	La Crescenta	9,276	0
RD 526	27624 W Parker Road	Castaic	13,403	0
RD 526A	49530 Gorman Post Rd.	Gorman	2,328	0

Attachment B – Los Angeles County Public Works Non-Functional Turf Areas

Site	Address	City	Non-paved area (SF)	Non-Functional Turf Area (SF)
Road Maintenance District 3 (RD 233)	5530 W 83rd St.	Los Angeles	1,563	0
RD 232/432	24309 Walnut St.	Lomita	2,899	0
RD 336	4055 W Marine Ave.	Lawndale	644	0
RD 339	3637 Winter Canyon Rd.	Malibu	5,282	0
RD 232	Central Ave WF	Inglewood	30,453	0
RD 233	Vermont Avenue Medians	Athens	631,615	0
RD 233	Charlene Drive Medians	Athens	1,048	0
Road Maintenance District 4	11282 Garfield Ave.	Los Angeles	13,249	0
RD 142	4304 Eugene St.	Los Angeles	1,536	0
RD 141/241	2120 E 90th St	Los Angeles	902	0
RD 446	9521 E Beverly Blvd.	Pico Rivera	1,658	0
RD 446A	13671 Telegraph Rd.	Whittier	8,418	0
RD 142	Saybrook Medians	East LA	75,760	0
RD 142	Gerhart Avenue Medians	East LA	54,000	0
RD 142	Vancouver Avenue Medians	East LA	13,910	0
RD 142	Cela Avenue Medians	East LA	13,195	0
RD 142	Woods Avenue Medians	East LA	8,466	0
RD 241	Central Ave EF Median	Florence/Firestone	20,890	0
RD 241	123rd Street - Slater Av to Compton Av Medians	Florence/Firestone	11,962	0
RD 241	El Segundo Boulevard Median	Florence/Firestone	11,496	0
RD 241	Compton Avenue Medians	Florence/Firestone	7,508	0
RD 241	123rd Street - Central Av to Elva Av Medians	Florence/Firestone	7,469	0
RD 241	Central Avenue Medians	Florence/Firestone	8,949	0
RD 241	Lime Avenue Medians	Florence/Firestone	22,534	0
RD 241	Williams Avenue Medians	Florence/Firestone	22,325	0
RD 241	Frailey Avenue Medians	Florence/Firestone	21,698	0
RD 241	Cookacre Street Medians	Florence/Firestone	18,272	0
RD 241	Castlegate Medians	Florence/Firestone	18,183	0

Attachment B – Los Angeles County Public Works Non-Functional Turf Areas

Site	Address	City	Non-paved area (SF)	Non-Functional Turf Area (SF)
RD 241	White Avenue Medians	Florence/Firestone	18,107	0
RD 446	Florence Avenue Medians	Whittier	5,592	0
RD 446	Splendora Drive Medians	Whittier	4,165	0
Road Maintenance District 5 (RD 557)	38126 N. Sierra Hwy.	Palmdale	7,940	0
RD 551	4859 West Avenue L-12	Quartz Hill	4,047	0
RD 555	17341 E Avenue J	Lancaster	14,470	0
RD 558	8505 E Avenue T	Littlerock	3,769	0
Central Yard	12015 Shoemaker Ave.	Santa Fe	687	0
East Yard	2849 Myrtle Ave.	Irwindale	230	0
North Yard	45712 N Division St.	Lancaster	2,700	0
South Yard	1129 E 59th St	Los Angeles		0
Hansen Yard	10179 Glenoaks Blvd.	Sun Valley	5,421	0
Pickens Yard	4628 Briggs Ave.	La Crescenta	46,411	0
Santa Clara Yard	21190 Centre Pointe Parkway	Santa Clarita	25,821	0
Saticoy Yard - 13436	13436 Saticoy Street	North Hollywood	2,726	0
Saticoy Yard - 13444	13444 Saticoy Street	North Hollywood	2,122	0
Longden Yard	160 E Longden Ave.	Irwindale	20,976	0
Eaton Yard	2986 New York Dr.	Pasadena	164,894	0
San Dimas Yard	118 Pony Express Road	San Dimas	2,638	0
Imperial Yard	5525 E Imperial Hwy.	South Gate	100,911	9,044
Eighty - Third Street Yard	5520 W 83rd St.	Los Angeles	3,466	0
Alamitos Yard	881 Iroquois Ave.	Long Beach	5,045	3,880
Redondo Beach Yard	615 Anita St.	Redondo Beach	8,759	0
Rio Hondo SG	353 S. Van Norman Rd.	Montebello	372,140	0
WWD North Maintenance Area	260 E Avenue K-8	Lancaster	19,538	0
		Total	**10,996,100**	**134,466**

COUNTY OF LOS ANGELES
DEPARTMENT OF PARKS AND RECREATION
"Parks Make Life Better!"
Norma E. García-González, Director Alina Bokde, Chief Deputy Director

July 7, 2023

TO: Supervisor Janice Hahn, Chair
Supervisor Hilda L. Solis
Supervisor Holly J. Mitchell
Supervisor Lindsey P. Horvath
Supervisor Kathryn Barger

FROM: Norma Edith García-González
Director

SUBJECT: REPORT BACK ON WATER CONSERVATION (AUGUST 30, 2022, BOARD AGENDA ITEM #19 AND ITEM #29)

SUMMARY OF ACCOMPLISHMENTS

The Department of Parks and Recreation (DPR) takes great pride in its diverse portfolio of 182 facilities, encompassing over 63,000 acres of land and a vibrant urban forest. DPR has demonstrated its leadership and commitment to water conservation through several key efforts:

- Reduced water usage by 20% during recent droughts through the implementation of efficient irrigation
- Developed and implemented the use of a native plant and drought tolerant plant palette
- Developed design guidelines directing water-efficient planting and irrigation
- Optimized water usage through scheduling of activities such as irrigation, splash pad operation, and vehicle washing
- Implemented water conservation strategies such as replacement of turf, installation of water-efficient toilets and urinals
- Partnered with DPW to implement innovative and critical stormwater capture projects

In tandem with our water efficiency projects, DPR recognizes the critical role of maintaining tree health and prioritizing the water needs of trees as essential infrastructure. Through an ongoing tree inventory initiative, we have identified over 200,000 trees under DPR's management as of June 2023. Both tree canopy and

parklands are distributed inequitably and many of our high and very high need communities have insufficient tree shade and park space. Many of these communities, are often more susceptible to respiratory illnesses and heat-related stressors, such as heatwaves. DPR facilities require a baseline water supply to maintain landscapes, trees, and recreational amenities. Trees play a vital role in supporting community health and sustainability goals by providing shade and contributing to the overall well-being of our communities.

A comprehensive summary of DPR's Water Efficiency Projects, was detailed in the November 24, 2021 "Report Back on Supporting Urban Water Conservation in Los Angeles County," this summary is provided in Exhibit A.

BOARD OF SUPERVISORS' MOTION ON "URBAN WATER CONSERVATION MEASURES AND ASSISTANCE IN UNINCORPORATED LOS ANGELES COUNTY" AND DPR'S APPROACH TO TURF

On August 30, 2022, the Board of Supervisors adopted the motion "Urban Water Conservation Measures and Assistance in Unincorporated Los Angeles County," addressing the pressing need for water conservation amid severe drought conditions in the State. This motion directed Departments to explore funding opportunities from State, Federal, and local water agencies like the Metropolitan Water District (MWD) that support initiatives such as turf removal, replacement, and efficiency upgrades. Furthermore, County Departments managing landscaping contracts were instructed to identify non-functional turf areas within their facilities and develop a prioritized plan for replanting these areas in accordance with the new Board Policy.

Considering DPR's mission to serve as stewards of parklands, promote healthy and resilient communities, and advance social equity and cohesion, turf usage plays a pivotal role in fulfilling our recreational objectives. Particularly in high and very high need communities that have limited green spaces, the presence of turf is crucial. It is important to clarify that this report specifically focuses on non-functional turf while acknowledging the value of functional turf. Non-functional turf, as defined by the State, refers to "turf that is solely ornamental and not regularly used for human recreational purposes or for civic or community events." Functional turf, on the other hand, pertains to turf areas actively utilized for open space and general enjoyment of parks, which are not considered for removal in this report. Generally, turf in parks is functional due its diverse use by park visitors.

Explore State and Federal funding and programs as well as programs available through local water agencies to support turf removal and replacement and other water efficiency upgrades

DPR is aware of the key funding sources to support turf removal. The primary turf removal and replacement program within Los Angeles County is run by the Metropolitan Water District (MWD) and is open to properties within their service area. In 2022 DPR received a rebate for turfgrass reduction in association with a stormwater capture project at Ladera Park and is exploring two additional locations for applications to MWD for turf removal and reduction.

MWD and other local water purveyors provide other key programs for water efficiency upgrades. DPR has utilized some of these programs to install weather-based controllers at park sites through the rebate program. Many of these programs will fund partial rebates, that will range between 17 and 95 percent of the costs, depending on the scope of the project. Rebates are available after the equipment is purchased and installed, so they do not cover upfront costs.

Identification and quantification of non-functional turf areas in their facilities and a prioritized plan for replanting these areas consistent with the requirements in the new Board Policy.

DPR manages 104 landscaping maintenance and mowing contracts across its 182 facilities. DPR currently employs over 360 grounds maintenance staff to maintain and steward the parks.

TURF REDUCTION AT PARK FACILITIES

If portions of Parks are determined to have non-functional turf, and in the absence of funding, a preferred approach to facilitate implementation of possible turfgrass removal is to consider turfgrass removal concurrent with park renovation projects, irrigation retrofits, building rehabilitation projects, general capital projects, reforestation efforts, or stormwater capture projects. For example, DPR is working in collaboration with the Department of Public Works in various stages on twenty-five potential stormwater capture projects. A few of the projects have started construction. These projects may present opportunities in the above-ground improvements for turfgrass removal and replanting.

As a way of prioritizing locations for possible turfgrass removal, DPR reviewed the list of the County's Top 100 Facilities' Water Use for FY 2016-17,2017-18, 2018-19 as included in the "Report Back on Supporting Urban Water Conservation in Los Angeles County (ITEM NO. 52-4, AGENDA OF JULY 27, 2021). From the Top 100 List, 48 of the locations are DPR facilities. Of the 48 locations, 42 were reviewed for opportunities for turf reduction (Exhibit B). Six locations were excluded from the review due to being either a botanic

garden, natural area. Of the 42 facilities analyzed, 39 have portions of turf that could be considered for removal and replanted with drought tolerant plant material. As each park is unique in design and function, the exact quantity of potential turf removal varies per site and requires field verification prior to any action. Opportunities for turfgrass removal exists for many parks, with smaller scale opportunities at neighborhood parks averaging 0.18 acres and community parks averaging around 0.4 acres of possible turf removal. The amount of possible turf removal increases as the park size increases, with an average of 1.9 acres possible for community regional parks. Regional Parks provide the widest range of opportunities from 0.3 acres to upwards of 12 acres.

Some of the project aspects of non-functional turf removal include, the turf removal, irrigation retrofits or installation, new plant material, mulch, and a contingency for contractor costs. As previously discussed, rebates may be available to offset some of the costs of turf replacement; however, rebate amounts will not cover full project costs, and do not cover upfront costs, but are paid after project completion.

DPR estimates a total potential amount of turf reduction to be 66 acres, with a total cost of approximately $28,832,364.

Summary of Funding Needs and Opportunities

Below is a summary of the estimated funding required to remove turf and provide replacement landscaping across prioritized parks, as well as the estimated rebates available after project completion, assuming $3.00 per square foot. For larger projects, there may be a maximum rebate off 200,000 square feet or 4.59 acres. Moreover, additional rebates may be available for eligible projects in high or very high need communities. The cost estimates provided are preliminary. DPR recommends retaining a consultant(s) with industry expertise to create project scopes, conduct design work, and provide site-specific costs for project implementation and funding.

Project Type	Acreage of Turf for consideration of Removal	Estimated Funding Needed	Estimated Possible Rebates
Turf Reduction at Priority Park locations	66.19	$28,832,000	$8,649,000

CONCLUSION

In conclusion, DPR has summarized key available funding programs offering rebates for turf reduction, rebates for water efficient irrigation installations and additional grant program information for drought relief. DPR analyzed and has provided a summary of possible locations for turf removal, and estimated costs with a focus on highest water using locations. In addition, DPR will continue to review opportunities for turf conversion at park locations that are scheduled to be retrofitted or upgraded.

If you have any questions, please contact Jill Sourial, Deputy Director Planning and Development Agency at jsourial@parks.lacounty.gov.

NEGG:JS:AV:nr

c: Board of Supervisors, Executive Office (C. Zavala)
Chief Sustainability Office (R. Kampalath)
Internal Services Division (S. Hollins)
Parks and Recreation (A. Bokde, J. Sourial)

Exhibit A
Summary of DPR's Water Efficiency Projects[1]

Project Type	Project/Park Name Description Status	Description	Status
DPW Stormwater Total 12 Sites	Earvin Magic Johnson Park	Approximately 500,000 SF of turf replacement with drought-tolerant landscape. Use of treated stormwater for irrigation (recycled water).	Completed
	Adventure Park	Turf replacement with drought-tolerant landscape (4,200 SF) as well as turf reduction for a new maintenance access road (6,500 SF). Upgrading existing irrigation with new efficient IR system and Weather-TraK Pro 3 controller.	In progress
	Roosevelt	Turf replacement with drought-tolerant landscape and updated water-efficient irrigation system.	In progress
	Alondra Park	Turf replacement with drought-tolerant landscape (41,461 SF) as well as additional turf reduction for a new maintenance road (17,000 SF).	In progress
	Ladera Park	Turf replacement with drought-tolerant landscape.	In progress
	Arboretum Baldwin Lake	Lake renovation.	In progress
	Jake Kuredjian	Turf replacement with drought-tolerant landscape.	In progress
	Hasley Canyon Stormwater	Turf replacement with drought-tolerant demonstration garden.	In progress
	Montieth Stormwater	Turf replacement with drought-tolerant landscape.	In progress
	Adventure Park	Turf replacement with drought-tolerant landscape.	In progress
	Bethune Park	Turf replacement with drought-tolerant landscape.	In progress
	Michillinda Park	Turf replacement with drought-tolerant landscape.	In progress
Efficient Irrigation	Whittier Narrows Recreation Area	Smart controllers upgrade.	In progress
Turf Reduction/ Efficient Irrigation	Obregon Park	Turf replacement with drought-tolerant landscape.	Completed
	Altadena Golf Irrigation	Turf replacement with drought-tolerant landscape.	In progress
	Amelia Mayberry Park	18,000 SF of turf reduction resulting from a new skate park. Upgraded irrigation.	Completed
	Salazar Park	Turf replacement with drought-tolerant landscape/ education garden.	In progress
	Marshall Canyon Golf Irrigation Replacement	Turf reduction from 103 acres to 65 acres. 19% annual water savings equivalent to$228,500 per year.	In progress
	Irrigation Improvement	Smart controllers upgrade.	Completed
	Stoneview Irrigation Upgrade	Turf replacement with drought-tolerant landscape.	Completed
	Salazar Park	New demonstration garden and landscape areas with native drought-tolerant plants; greywater irrigation system; renovated parking lots w/permeable paving.	In progress

[1] Source: Report Back on Supporting Urban Water Conservation in Los Angeles County, November 24, 2021 (Item No. 52-A, Agenda of July 27, 2021), pp. 14-15.

Project Type	Project/Park Name Description Status	Description	Status
Water-Efficient Products Implementation/ Irrigation/ Restroom	Castaic Lake Recreation Area	Restroom renovation and irrigation system upgrade with smart controllers.	In progress
	El Cariso Golf Course	Installation of water-efficient toilets/urinals.	Completed
	Restroom Project	Water-efficient toilets, urinals, and faucets to be installed.	In Progress

Exhibit B
Parks (from the Top 100 County Water Using List) Reviewed for Potential Turf Grass Removal sorted by Park Classification.

Park Name	Park Classification	Supervisorial District	Amount of Possible Turf (for Removal consideration) in Acres	Estimated Cost of turf replacement based on Possible Turf Removal
Rowland Heights Park	Community	1	0.2	$87,120
William Steinmetz Park	Community	1	0.3	$130,680
City Terrace Park	Community	1	0.5	$217,800
Manzanita Park	Community	1	0.7	$304,920
Col. Leon H. Washington Park	Community	2	0.5	$217,800
Athens Park	Community	2	0.8	$348,480
Amelia Mayberry Park	Community	4	0.07	$30,492
Sorensen Park	Community	4	0.3	$130,680
Adventure Park	Community	4	0.4	$174,240
Jackie Robinson Park	Community	5	0.06	$26,136
Acton Park	Community	5	0.08	$34,848
George Lane Park	Community	5	0.2	$87,120
Charter Oak Park	Community	5	0.6	$261,360
Dr. Richard H. Rioux Memorial Park	Community	5	1	$435,600
Pathfinder Community Regional Park	Community Regional	1	0.08	$34,848
Belvedere Community Regional Park	Community Regional	1	1.3	$566,280
Ted Watkins Memorial Park	Community Regional	2	0.6	$261,360
Victoria Community Regional Park	Community Regional	2	1	$435,600
Jesse Owens Community Regional Park	Community Regional	2	1.5	$653,400
Franklin D. Roosevelt Park	Community Regional	2	1.6	$696,960
Alondra Community Regional Park	Community Regional	2	1.7	$740,520
Earvin "Magic" Johnson Recreation Area	Community Regional	2	4	$1,742,400
El Cariso Community Regional Park	Community Regional	3	4.8	$2,090,880
La Mirada Community Regional Park	Community Regional	4	2.4	$1,045,440

Park Name	Park Classification	Supervisorial District	Amount of Possible Turf (for Removal consideration) in Acres	Estimated Cost of turf replacement based on Possible Turf Removal
Don Knabe Community Regional Park	Community Regional	4	7.6	$3,310,560
Crescenta Valley Community Regional Park	Community Regional	5	0	$0
Stephen Sorensen Park	Community Regional	5	0	$0
Loma Alta Park	Community Regional	5	0.5	$304,920
Castaic Regional Sports Complex	Community Regional	5	0.7	$304,920
Veterans Memorial Community Regional Park	Community Regional	5	2	$871,200
Arcadia Community Regional Park	Community Regional	5	2.2	$958,320
Gloria Heer Park	Neighborhood	1	0	$0
Eugene A. Obregon Park	Neighborhood	1	0.2	$87,120
Rimgrove Park	Neighborhood	1	0.2	$87,120
Everett Martin Park	Neighborhood	5	0.1	$43,560
Pearblossom County Park	Neighborhood	5	0.4	$174,240
Santa Fe Dam Recreational Area	Regional	1	0.3	$130,680
Peter F. Schabarum Regional Park	Regional	1	1	$435,600
Whittier Narrows Recreation Area	Regional	1	12	$5,227,200
Kenneth Hahn State Recreation Area/YBB	Regional	2	3.7	$1,611,720
Frank G. Bonelli Regional Park	Regional	5	1.9	$827,640
Castaic Lake State Recreation Area	Regional	5	8.7	$3,789,720
TOTAL			**66.19**	**$28,832,364**