

ATTACHMENT 6.1

OUTREACH TO SCHOOLCHILDREN

Attachment 6.1 Outreach to Schools and Students
JURMP Annual Report FY 2011-12

| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------|-----------------------|------------------|------|------------------------|-----------------|------------------|--------------------------|---------------------|
| 1 | 7/4/2011 | HIKE | SCOUT TALK | 0.5 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | BOY/GIRL SCOUTS | 15 |
| 2 | 7/12/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 75 |
| 3 | 7/13/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 15 |
| 4 | 7/17/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 10 |
| 5 | 7/20/2011 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | RANCHO GUAJOME ADOBE | SAN LUIS REY | VISTA | SCHOOL CHILDREN | 68 |
| 6 | 7/27/2011 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | RANCHO GUAJOME ADOBE | SAN LUIS REY | VISTA | SCHOOL CHILDREN | 100 |
| 7 | 8/15/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 38 |
| 8 | 8/15/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 38 |
| 9 | 8/15/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 38 |
| 10 | 8/15/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 38 |
| 11 | 8/15/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 38 |
| 12 | 8/15/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 38 |
| 13 | 8/28/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 20 |
| 14 | 8/29/2011 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | HEALTH | 40 |
| 15 | 8/29/2011 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | HEALTH | 25 |
| 16 | 8/29/2011 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | HEALTH | 20 |

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|-----|-----------|--------------|------------------------|------------------|------|--------------------------------|-----------|------------------|--------------------------|---------------------|
| 17 | 8/29/2011 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | HEALTH | 40 |
| 18 | 8/30/2011 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | HEALTH | 40 |
| 19 | 8/30/2011 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | GEOGRAPHY | 38 |
| 20 | 8/30/2011 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | GEOGRAPHY | 38 |
| 21 | 8/30/2011 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | GEOGRAPHY | 38 |
| 22 | 9/1/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | CLOVER FLAT ELEMENTARY | TIJUANA | MOUNTAIN EMPIRE | GRADE 6 | 22 |
| 23 | 9/1/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | CLOVER FLAT ELEMENTARY | TIJUANA | MOUNTAIN EMPIRE | GRADE 7 | 22 |
| 24 | 9/1/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | CLOVER FLAT ELEMENTARY | TIJUANA | MOUNTAIN EMPIRE | GRADE 8 | 22 |
| 25 | 9/2/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | LOS COCHES CREEK MIDDLE SCHOOL | SAN DIEGO | ALPINE | GRADE 6 | 70 |
| 26 | 9/2/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | LOS COCHES CREEK MIDDLE SCHOOL | SAN DIEGO | ALPINE | GRADE 6 | 70 |
| 27 | 9/2/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | LOS COCHES CREEK MIDDLE SCHOOL | SAN DIEGO | ALPINE | GRADE 6 | 70 |
| 28 | 9/2/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | LOS COCHES CREEK MIDDLE SCHOOL | SAN DIEGO | ALPINE | GRADE 6 | 70 |
| 29 | 9/2/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | LOS COCHES CREEK MIDDLE SCHOOL | SAN DIEGO | ALPINE | GRADE 6 | 70 |
| 30 | 9/11/11 | EVENT | SPLASH LAB | 4 | DPW | FIESTA DEL RIO | TIJUANA | IMPERIAL BEACH | SCHOOL CHILDREN | 2000 |
| 31 | 9/12/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | AVID | 22 |
| 32 | 9/12/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | AVID | 35 |

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|-----|-----------|--------------|-----------------------|------------------|------|-----------------------------|-----------------|------------------|--------------------------|---------------------|
| 33 | 9/12/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | AVID | 25 |
| 34 | 9/12/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | ENGLISH | 35 |
| 35 | 9/12/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | AVID | 25 |
| 36 | 9/13/2011 | PRESENTATION | WATERSHED | 1.25 | DPW | RIVER VALLEY CHARTER SCHOOL | SAN DIEGO RIVER | LAKESIDE | BIOLOGY | 20 |
| 37 | 9/13/2011 | PRESENTATION | WATERSHED | 1.25 | DPW | RIVER VALLEY CHARTER SCHOOL | SAN DIEGO RIVER | LAKESIDE | BIOLOGY | 20 |
| 38 | 9/13/2011 | PRESENTATION | WATERSHED | 1.25 | DPW | RIVER VALLEY CHARTER SCHOOL | SAN DIEGO RIVER | LAKESIDE | BIOLOGY | 20 |
| 39 | 9/14/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | WOLF CANYON ELEMENTARY | OTAY | OTAY | GRADE 2 | 126 |
| 40 | 9/14/2011 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | LIVE OAK PARK | SAN LUIS REY | FALLBROOK | SCHOOL CHILDREN | 32 |
| 41 | 9/15/2011 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | RANCHO GUAJOME ADOBE | SAN LUIS REY | VISTA | SCHOOL CHILDREN | 156 |
| 42 | 9/22/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | RAMONA COMMUNITY | SAN DIEGUITO | RAMONA | GRADES 1-3 | 88 |
| 43 | 9/22/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 104 |
| 44 | 9/23/2011 | PRESENTATION | WATERSHED | 1.25 | DPW | DEL NORTE HIGH SCHOOL | SAN DIEGUITO | 4S RANCH | ELL | 20 |
| 45 | 9/23/2011 | PRESENTATION | WATERSHED | 1.25 | DPW | DEL NORTE HIGH SCHOOL | SAN DIEGUITO | 4S RANCH | AVID | 27 |
| 46 | 9/23/2011 | PRESENTATION | WATERSHED | 1.25 | DPW | DEL NORTE HIGH SCHOOL | SAN DIEGUITO | 4S RANCH | AVID | 27 |
| 47 | 9/24/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 14 |
| 48 | 9/25/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 12 |

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|-----|-----------|--------------------|--|------------------|------|------------------------------|-----------------|---------------------|--------------------------|---------------------|
| 49 | 9/25/2011 | WATERSHED ACTIVITY | I LOVE A CLEAN SD, CLEAN UP | 3 | DPR | OVRP | OTAY | SAN DIEGO | BOY/GIRL SCOUTS | 40 |
| 50 | 9/25/2011 | WATERSHED ACTIVITY | I LOVE A CLEAN SD, COSTAL CLEAN UP DAY, CLEAN UP | 3 | DPR | MORISSON POND | SWEETWATER | SWEETWATER | CHILDREN & ADULTS | 95 |
| 51 | 9/27/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | VALLEY CENTER ELEMENTARY | SAN LUIS REY | VALLEY CENTER | GRADES 3-5 | 265 |
| 52 | 9/27/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | VALLEY CENTER ELEMENTARY | SAN LUIS REY | VALLEY CENTER | GRADES 3-5 | 265 |
| 53 | 9/28/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | PINE VALLEY ELEMENTARY | TIJUANA | CENTRAL MOUNTAIN | GRADES K-3 | 113 |
| 54 | 9/29/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | HANSON ELEMENTARY | SAN DIEGUITO | RAMONA | GRADE 3 | 79 |
| 55 | 9/29/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 14 |
| 56 | 10/1/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 45 |
| 57 | 10/2/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 9 |
| 58 | 10/3/2011 | WATERSHED ACTIVITY | BUILT WEDDING TRAILLS | 8 | DPR | SWEETWATER SUMMIT CAMPGROUND | SWEETWATER | COUTNY OF SAN DIEGO | CHILDREN & ADULTS | 15 |
| 59 | 10/4/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 75 |
| 60 | 10/5/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 60 |
| 61 | 10/5/2011 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 50 |
| 62 | 10/6/11 | PRESENTATION | SPLASH LAB | 4 | DPW | HIGHLANDS SCHOOL | SWEETWATER | SPRING VALLEY | GRADES 4-5 | 104 |
| 63 | 10/6/2011 | PRESENTATION | WATERSHED | 1 | DPW | MOUNTAIN EMPIRE HIGH SCHOOL | TIJUANA | PINE VALLEY | BIOLOGY | 20 |
| 64 | 10/6/2011 | PRESENTATION | WATERSHED | 1 | DPW | MOUNTAIN EMPIRE HIGH SCHOOL | TIJUANA | PINE VALLEY | BIOLOGY | 40 |

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|-----|------------|--------------------|-----------------------|------------------|------|------------------------------|-----------------|---------------------|--------------------------|---------------------|
| 65 | 10/6/2011 | PRESENTATION | WATERSHED | 1 | DPW | MOUNTAIN EMPIRE HIGH SCHOOL | TIJUANA | PINE VALLEY | BIOLOGY | 40 |
| 66 | 10/6/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 120 |
| 67 | 10/7/2011 | PRESENTATION | WATERSHED | 1 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | AUTOMOTIVE | 30 |
| 68 | 10/7/2011 | PRESENTATION | WATERSHED | 1 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | AUTOMOTIVE | 30 |
| 69 | 10/7/2011 | PRESENTATION | WATERSHED | 1 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | AUTOMOTIVE | 60 |
| 70 | 10/7/2011 | PRESENTATION | WATERSHED | 1 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | AUTOMOTIVE | 30 |
| 71 | 10/10/2011 | PRESENTATION | WATERSHED | 1 | DPW | EL CAPITAN HIGH SCHOOL | SAN DIEGO RIVER | LAKESIDE | EARTH SCIENCE | 35 |
| 72 | 10/10/2011 | WATERSHED ACTIVITY | BUILT WEDDING TRAILS | 8 | DPR | SWEETWATER SUMMIT CAMPGROUND | SWEETWATER | COUTNY OF SAN DIEGO | CHILDREN & ADULTS | 15 |
| 73 | 10/11/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AUTOMOTIVE | 30 |
| 74 | 10/11/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AUTOMOTIVE | 30 |
| 75 | 10/11/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AUTOMOTIVE | 30 |
| 76 | 10/11/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AUTOMOTIVE | 20 |
| 77 | 10/11/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AUTOMOTIVE | 20 |
| 78 | 10/12/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 80 |
| 79 | 10/12/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 65 |
| 80 | 10/13/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | LIVE OAK ELEMENTARY | SAN LUIS REY | FALLBROOK | GRADES 1-2 | 93 |

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|-----|------------|--------------|-----------------------|------------------|------|---------------------------|-----------------|------------------|--------------------------|---------------------|
| 81 | 10/13/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 50 |
| 82 | 10/15/2011 | PRESENTATION | SCOUT TALK/CAMPOUT | 0.5 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | BOY/GIRL SCOUTS | 30 |
| 83 | 10/18/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | EARTH SCIENCE | 18 |
| 84 | 10/18/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | EARTH SCIENCE | 20 |
| 85 | 10/18/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | EARTH SCIENCE | 20 |
| 86 | 10/18/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | EARTH SCIENCE | 22 |
| 87 | 10/19/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 70 |
| 88 | 10/21/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | WINTER GARDENS ELEMENTARY | SAN DIEGO | LAKESIDE | GRADES K-1 | 87 |
| 89 | 10/21/2011 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AVID | 35 |
| 90 | 10/21/2011 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AVID | 30 |
| 91 | 10/23/2011 | PRESENTATION | SCOUT TALK/CAMPOUT | 0.5 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | BOY/GIRL SCOUTS | 40 |
| 92 | 10/24/11 | PRESENTATION | SPLASH LAB | 4 | DPW | BONSALL ELEMENTARY | SAN LUIS REY | BONSALL | GRADE 4 | 83 |
| 93 | 10/25/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | POTRERO | TIJUANA | MOUNTAIN EMPIRE | GRADES 2-5 | 76 |
| 94 | 10/26/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | CAMPO ELEMENTARY | TIJUANA | MOUNTAIN EMPIRE | GRADES K-1 | 102 |
| 95 | 10/26/2011 | PRESENTATION | WATERSHED | 1 | DPW | EL CAPITAN HIGH SCHOOL | SAN DIEGO RIVER | LAKESIDE | AGRICULTURAL BIO | 35 |
| 96 | 10/26/2011 | PRESENTATION | WATERSHED | 1 | DPW | EL CAPITAN HIGH SCHOOL | SAN DIEGO RIVER | LAKESIDE | AGRICULTURAL BIO | 35 |

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|-----|------------|--------------|-------------------------|------------------|------|-------------------------------|-----------------|--------------------|--------------------------|---------------------|
| 97 | 10/26/2011 | PRESENTATION | WATERSHED | 1 | DPW | EL CAPITAN HIGH SCHOOL | SAN DIEGO RIVER | LAKESIDE | AGRICULTURAL BIO | 40 |
| 98 | 10/26/2011 | PRESENTATION | WATERSHED | 1 | DPW | EL CAPITAN HIGH SCHOOL | SAN DIEGO RIVER | LAKESIDE | AGRICULTURAL BIO | 35 |
| 99 | 10/26/2011 | PRESENTATION | WATERSHED | 1 | DPW | EL CAPITAN HIGH SCHOOL | SAN DIEGO RIVER | LAKESIDE | AGRICULTURAL BIO | 35 |
| 100 | 10/26/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 90 |
| 101 | 10/26/2011 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 40 |
| 102 | 10/27/11 | PRESENTATION | SPLASH LAB | 4 | DPW | RIOS ELEMENTARY | SAN DIEGO | LAKESIDE | GRADES 4-5 | 97 |
| 103 | 10/28/11 | EVENT | GREEN MACHINE | 4 | DPW | WORLD WATER DAY FESTIVAL | PENASQUITOS | SAN DIEGO | GRADES 5-8 | 210 |
| 104 | 10/28/11 | EVENT | SPLASH LAB | 4 | DPW | WORLD WATER DAY FESTIVAL | PENASQUITOS | SAN DIEGO | GRADES 5-8 | 110 |
| 105 | 11/2/11 | PRESENTATION | SPLASH LAB | 4 | DPW | BONSALL ELEMENTARY | SAN LUIS REY | BONSALL | GRADE 4 | 79 |
| 106 | 11/3/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | NORTH TERRACE ELEMENTARY | SAN LUIS REY | PENDLETON - DE LUZ | GRADES 2-3 | 62 |
| 107 | 11/3/11 | PRESENTATION | SPLASH LAB | 4 | DPW | WARNER ELEMENTARY | SAN LUIS REY | NORTH MOUNTAIN | GRADES 3-6 | 68 |
| 108 | 11/6/2011 | HIKE | OUTDOOR ADVENTURE GROUP | 2 | DPR | OTAY LAKES COUNTY PARK | OTAY | CHULA VISTA | SCHOOL CHILDREN | 30 |
| 109 | 11/7/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | WILLIAM H. FRAZIER ELEMENTARY | SANTA MARGARITA | FALLBROOK | GRADES 1-3 | 112 |
| 110 | 11/8/11 | PRESENTATION | SPLASH LAB | 4 | DPW | VISTA GRANDE | SWEETWATER | VALLE DE ORO | GRADE 4 | 85 |
| 111 | 11/9/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AVID | 30 |
| 112 | 11/9/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AVID | 25 |

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| 113 | 11/9/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AVID | 25 |
| 114 | 11/9/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AVID | 25 |
| 115 | 11/9/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AVID | 30 |
| 116 | 11/9/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AVID | 25 |
| 117 | 11/9/2011 | PRESENTATION | WATERSHED | 1 | DPW | MONTE VISTA HIGH SCHOOL | SWEETWATER | SPRING VALLEY | AVID | 35 |
| 118 | 11/10/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 119 | 11/10/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 120 | 11/10/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 121 | 11/10/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 122 | 11/10/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 123 | 11/10/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 124 | 11/10/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 125 | 11/10/2011 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 126 | 11/13/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 90 |
| 127 | 11/14/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | LILAC SCHOOL | SAN LUIS REY | VALLEY CENTER | GRADE 2 | 92 |
| 128 | 11/15/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | FALLBROOK STREET SCHOOL | SANTA MARGARITA | FALLBROOK | GRADES K-3 | 108 |

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|-----|------------|--------------|---|------------------|------|--------------------------------|--------------|-------------------------|--------------------------|---------------------|
| 129 | 11/15/11 | PRESENTATION | SPLASH LAB | 4 | DPW | LOS COCHES CREEK MIDDLE SCHOOL | SAN DIEGO | ALPINE | GRADES 6-8 | 792 |
| 130 | 11/15/2011 | EVENT | SCHOOL COMPOSTING EDUCATION AT AMERICA RECYCLES DAY EVENT | 6 | DPW | LOS COCHES CREEK MIDDLE SCHOOL | SAN DIEGO | EL CAJON | SCHOOL | 800 |
| 131 | 11/16/2011 | PRESENTATION | POLLUTION PREVENTION KIOSK | 1 | DPR | FLINN SPRINGS | SAN DIEGO | EL CAJON | SCHOOL CHILDREN | 5 |
| 132 | 11/17/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 116 |
| 133 | 11/20/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 80 |
| 134 | 11/27/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 82 |
| 135 | 11/28/2011 | PRESENTATION | WATERSHED | 1.75 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 26 |
| 136 | 11/28/2011 | PRESENTATION | WATERSHED | 1.75 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 137 | 11/29/2011 | PRESENTATION | WATERSHED | 1.75 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 27 |
| 138 | 11/29/2011 | PRESENTATION | WATERSHED | 1.75 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 27 |
| 139 | 11/29/2011 | PRESENTATION | WATERSHED | 1.75 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 140 | 11/30/11 | PRESENTATION | GREEN MACHINE | 4 | DPW | MURDOCK ELEMENTARY | SWEETWATER | VALLE DE ORO | GRADE 3 | 95 |
| 141 | 11/30/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | DESCANSO ELEMENTARY | SWEETWATER | COUNTY- MOUNTAIN EMPIRE | GRADE 4-5 | 75 |
| 142 | 11/30/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | DESCANSO ELEMENTARY | SWEETWATER | COUNTY- MOUNTAIN EMPIRE | GRADE 6-8 | 75 |
| 143 | 11/30/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | CLOVER FLAT ELEMENTARY | TIJUANA | COUNTY- MOUNTAIN EMPIRE | GRADE 4 | 22 |
| 144 | 12/2/2011 | PRESENTATION | WATERSHED | 1 | DPW | VALLEY CENTER HIGH SCHOOL | SAN LUIS REY | VALLEY CENTER | HEALTH | 35 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|------------|--------------|------------------------|------------------|------|---------------------------|-----------------|------------------|--------------------------|---------------------|
| 145 | 12/2/2011 | PRESENTATION | WATERSHED | 1 | DPW | VALLEY CENTER HIGH SCHOOL | SAN LUIS REY | VALLEY CENTER | HEALTH | 30 |
| 146 | 12/2/2011 | PRESENTATION | WATERSHED | 1 | DPW | VALLEY CENTER HIGH SCHOOL | SAN LUIS REY | VALLEY CENTER | HEALTH | 30 |
| 147 | 12/5/2011 | PRESENTATION | WATERSHED | 1 | DPW | WARNER HIGH SCHOOL | SAN LUIS REY | WARNER SPRINGS | AGRICULTURAL BIO | 20 |
| 148 | 12/5/2011 | PRESENTATION | WATERSHED | 1 | DPW | WARNER HIGH SCHOOL | SAN LUIS REY | WARNER SPRINGS | AGRICULTURAL BIO | 20 |
| 149 | 12/5/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | JAMES DUKES ELEMENTARY | SAN DIEGUITO | COUNTY- RAMONA | GRADE 6 | 35 |
| 150 | 12/5/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | JAMES DUKES ELEMENTARY | SAN DIEGUITO | COUNTY- RAMONA | GRADE 6 | 35 |
| 151 | 12/5/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | JAMES DUKES ELEMENTARY | SAN DIEGUITO | COUNTY- RAMONA | GRADE 6 | 35 |
| 152 | 12/5/2011 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | JAMES DUKES ELEMENTARY | SAN DIEGUITO | COUNTY- RAMONA | GRADE 4 | 96 |
| 153 | 12/8/11 | PRESENTATION | SPLASH LAB | 4 | DPW | MT. WOODSON ELEMENTARY | SAN DIEGUITO | RAMONA | GRADES 5-6 | 92 |
| 154 | 12/8/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 42 |
| 155 | 12/8/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 23 |
| 156 | 12/10/2011 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 104 |
| 157 | 12/11/2011 | PRESENTATION | SCOUT TALK/CAMPOUT | 1 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | BOY/GIRL SCOUTS | 30 |
| 158 | 12/14/2011 | PRESENTATION | WATERSHED | 1 | DPW | VALHALLA HIGH SCHOOL | SWEETWATER | EL CAJON | INTEGRATED SCIENCE | 40 |
| 159 | 12/14/2011 | PRESENTATION | WATERSHED | 1 | DPW | VALHALLA HIGH SCHOOL | SWEETWATER | EL CAJON | INTEGRATED SCIENCE | 40 |
| 160 | 12/14/2011 | PRESENTATION | WATERSHED | 1 | DPW | VALHALLA HIGH SCHOOL | SWEETWATER | EL CAJON | INTEGRATED SCIENCE | 40 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|------------|--------------|-----------------------|------------------|------|-----------------------------|-----------------|------------------|--------------------------|---------------------|
| 161 | 12/14/2011 | PRESENTATION | WATERSHED | 1 | DPW | VALHALLA HIGH SCHOOL | SWEETWATER | EL CAJON | INTEGRATED SCIENCE | 65 |
| 162 | 12/14/2011 | PRESENTATION | WATERSHED | 1 | DPW | VALHALLA HIGH SCHOOL | SWEETWATER | EL CAJON | INTEGRATED SCIENCE | 40 |
| 163 | 12/14/2011 | PRESENTATION | WATERSHED | 1 | DPW | VALHALLA HIGH SCHOOL | SWEETWATER | EL CAJON | INTEGRATED SCIENCE | 40 |
| 164 | 12/14/2011 | PRESENTATION | WATERSHED | 1 | DPW | VALHALLA HIGH SCHOOL | SWEETWATER | EL CAJON | INTEGRATED SCIENCE | 65 |
| 165 | 12/14/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 48 |
| 166 | 12/15/11 | PRESENTATION | SPLASH LAB | 4 | DPW | WOLF CANYON ELEMENTARY | OTAY | OTAY | GRADE 4 | 146 |
| 167 | 12/15/2011 | EVENT | DAY WITHOUT A BAG | 2.5 | DPW | CUYAMACA COLLEGE | SWEETWATER | RANCHO SAN DIEGO | SCHOOL | 75 |
| 168 | 12/16/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 10 |
| 169 | 12/16/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 70 |
| 170 | 12/22/2011 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 71 |
| 171 | 1/3/2012 | PRESENTATION | WATERSHED | 1.25 | DPW | RIVER VALLEY CHARTER SCHOOL | SAN DIEGO RIVER | LAKESIDE | EARTH SCIENCE | 20 |
| 172 | 1/3/2012 | PRESENTATION | WATERSHED | 1.25 | DPW | RIVER VALLEY CHARTER SCHOOL | SAN DIEGO RIVER | LAKESIDE | EARTH SCIENCE | 20 |
| 173 | 1/3/2012 | PRESENTATION | WATERSHED | 1.25 | DPW | RIVER VALLEY CHARTER SCHOOL | SAN DIEGO RIVER | LAKESIDE | EARTH SCIENCE | 20 |
| 174 | 1/3/2012 | PRESENTATION | WATERSHED | 1.25 | DPW | RIVER VALLEY CHARTER SCHOOL | SAN DIEGO RIVER | LAKESIDE | EARTH SCIENCE | 20 |
| 175 | 1/6/2012 | PRESENTATION | WATERSHED | 1 | DPW | EL CAPITAN HIGH SCHOOL | SAN DIEGO RIVER | LAKESIDE | AVID | 30 |
| 176 | 1/6/2012 | PRESENTATION | WATERSHED | 1 | DPW | EL CAPITAN HIGH SCHOOL | SAN DIEGO RIVER | LAKESIDE | AVID | 30 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------|------------------------|------------------|------|------------------------|-----------------|------------------|--------------------------|---------------------|
| 177 | 1/6/2012 | PRESENTATION | WATERSHED | 1 | DPW | EL CAPITAN HIGH SCHOOL | SAN DIEGO RIVER | LAKESIDE | AVID | 30 |
| 178 | 1/6/2012 | PRESENTATION | WATERSHED | 1 | DPW | EL CAPITAN HIGH SCHOOL | SAN DIEGO RIVER | LAKESIDE | AVID | 30 |
| 179 | 1/6/2012 | PRESENTATION | WATERSHED | 1 | DPW | EL CAPITAN HIGH SCHOOL | SAN DIEGO RIVER | LAKESIDE | AVID | 30 |
| 180 | 1/9/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | TIERRA DEL SOL MIDDLE | SAN DIEGO RIVER | COUNTY- LAKESIDE | GRADES 6-8 | 100 |
| 181 | 1/9/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | TIERRA DEL SOL MIDDLE | SAN DIEGO RIVER | COUNTY- LAKESIDE | GRADES 6-8 | 100 |
| 182 | 1/9/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | TIERRA DEL SOL MIDDLE | SAN DIEGO RIVER | COUNTY- LAKESIDE | GRADES 6-8 | 35 |
| 183 | 1/9/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | TIERRA DEL SOL MIDDLE | SAN DIEGO RIVER | COUNTY- LAKESIDE | GRADES 6-8 | 100 |
| 184 | 1/9/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | TIERRA DEL SOL MIDDLE | SAN DIEGO RIVER | COUNTY- LAKESIDE | GRADES 6-8 | 100 |
| 185 | 1/9/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | TIERRA DEL SOL MIDDLE | SAN DIEGO RIVER | COUNTY- LAKESIDE | GRADES 6-8 | 100 |
| 186 | 1/10/12 | PRESENTATION | SPLASH LAB | 4 | DPW | TIERRA DEL SOL MIDDLE | SAN DIEGO | LAKESIDE | GRADE 6 | 128 |
| 187 | 1/10/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | PHYSIOLOGY | 28 |
| 188 | 1/10/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | PHYSIOLOGY | 28 |
| 189 | 1/10/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 190 | 1/10/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 191 | 1/10/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 192 | 1/12/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | RIVERVIEW ELEMENTARY | SAN DIEGO | LAKESIDE | GRADE 2 | 100 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------|------------------------|------------------|------|---------------------------|--------------|--------------------|--------------------------|---------------------|
| 193 | 1/12/12 | PRESENTATION | SPLASH LAB | 4 | DPW | LAKESIDE MIDDLE | SAN DIEGO | LAKESIDE | GRADE 6 | 177 |
| 194 | 1/13/2012 | PRESENTATION | WATERSHED | 1 | DPW | VALLEY CENTER HIGH SCHOOL | SAN LUIS REY | VALLEY CENTER | AGRICULTURAL BIO | 30 |
| 195 | 1/13/2012 | PRESENTATION | WATERSHED | 1 | DPW | VALLEY CENTER HIGH SCHOOL | SAN LUIS REY | VALLEY CENTER | AGRICULTURAL BIO | 30 |
| 196 | 1/13/2012 | PRESENTATION | WATERSHED | 1 | DPW | VALLEY CENTER HIGH SCHOOL | SAN LUIS REY | VALLEY CENTER | AGRICULTURAL BIO | 30 |
| 197 | 1/13/2012 | PRESENTATION | WATERSHED | 1 | DPW | VALLEY CENTER HIGH SCHOOL | SAN LUIS REY | VALLEY CENTER | AGRICULTURAL BIO | 30 |
| 198 | 1/13/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | FALLBROOK STREET SCHOOL | SAN LUIS REY | COUNTY- FALLBROOK | GRADE 5 | 30 |
| 199 | 1/13/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | FALLBROOK STREET SCHOOL | SAN LUIS REY | COUNTY- FALLBROOK | GRADE 5 | 68 |
| 200 | 1/17/12 | PRESENTATION | SPLASH LAB | 4 | DPW | TIERRA DEL SOL MIDDLE | SAN DIEGO | LAKESIDE | GRADES 6-7 | 95 |
| 201 | 1/19/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | MARY FAY PENDLETON SCHOOL | SAN LUIS REY | PENDLETON - DE LUZ | GRADES 1-3 | 71 |
| 202 | 1/19/12 | PRESENTATION | SPLASH LAB | 4 | DPW | BARNETT ELEMENTARY | SAN DIEGO | RAMONA | GRADES 5-6 | 90 |
| 203 | 1/20/2012 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | AVID | 30 |
| 204 | 1/20/2012 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | AVID | 25 |
| 205 | 1/20/2012 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | AVID | 25 |
| 206 | 1/20/2012 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | AVID | 20 |
| 207 | 1/22/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | RANCHO GUAJOME ADOBE | SAN LUIS REY | VISTA | SCHOOL CHILDREN | 142 |
| 208 | 1/23/2012 | PRESENTATION | WATERSHED | 0.75 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | EARTH SCIENCE | 29 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------------|------------------------------|------------------|------|---------------------------|-----------------|------------------|--------------------------|---------------------|
| 209 | 1/23/2012 | PRESENTATION | WATERSHED | 0.75 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | EARTH SCIENCE | 19 |
| 210 | 1/23/2012 | PRESENTATION | WATERSHED | 0.75 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | EARTH SCIENCE | 28 |
| 211 | 1/23/2012 | PRESENTATION | WATERSHED | 0.75 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | EARTH SCIENCE | 25 |
| 212 | 1/23/2012 | PRESENTATION | WATERSHED | 0.75 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | EARTH SCIENCE | 25 |
| 213 | 1/24/12 | PRESENTATION | SPLASH LAB | 4 | DPW | CREST ELEMENTARY | SWEETWATER | CREST - DEHESA | GRADES 3-5 | 67 |
| 214 | 1/26/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | VALLEY CENTER ELEM/LOWER | SAN LUIS REY | VALLEY CENTER | GRADE 3 | 99 |
| 215 | 1/27/2012 | WATERSHED ACTIVITY | LITTERING AND TRASH CLEAN UP | 5 MIN. | DPR | PINE VALLEY PARK | TIJAUNA RIVER | PINE VALLEY | SCHOOL CHILDREN | 45 |
| 216 | 1/31/12 | PRESENTATION | SPLASH LAB | 4 | DPW | JAMUL INTERMEDIATE SCHOOL | OTAY | JAMUL - DULZURA | GRADE 4 | 66 |
| 217 | 2/3/2012 | PRESENTATION | WATERSHED | 1 | DPW | FALLBROOK HIGH SCHOOL | SAN LUIS REY | FALLBROOK | BIOLOGY | 35 |
| 218 | 2/3/2012 | PRESENTATION | WATERSHED | 1 | DPW | FALLBROOK HIGH SCHOOL | SAN LUIS REY | FALLBROOK | BIOLOGY | 35 |
| 219 | 2/3/2012 | PRESENTATION | WATERSHED | 1 | DPW | FALLBROOK HIGH SCHOOL | SAN LUIS REY | FALLBROOK | BIOLOGY | 35 |
| 220 | 2/3/2012 | PRESENTATION | WATERSHED | 1 | DPW | FALLBROOK HIGH SCHOOL | SAN LUIS REY | FALLBROOK | BIOLOGY | 35 |
| 221 | 2/3/2012 | PRESENTATION | WATERSHED | 1 | DPW | FALLBROOK HIGH SCHOOL | SAN LUIS REY | FALLBROOK | BIOLOGY | 35 |
| 222 | 2/3/2012 | PRESENTATION | WATERSHED | 1 | DPW | FALLBROOK HIGH SCHOOL | SAN LUIS REY | FALLBROOK | BIOLOGY | 30 |
| 223 | 2/4/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 3 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 116 |
| 224 | 2/9/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | VETERANS ELEMENTARY | OTAY | OTAY | GRADE 1 | 104 |

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|-----|-----------|--------------------|--|------------------|------|--|--------------|------------------------------|--------------------------|---------------------|
| 225 | 2/9/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | BOULDER OAKS ELEMENTARY SCHOOL | SWEETWATER | COUNTY- ALPINE | GRADE 4 | 31 |
| 226 | 2/9/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | BOULDER OAKS ELEMENTARY SCHOOL | SWEETWATER | COUNTY- ALPINE | GRADES 4-5 | 32 |
| 227 | 2/9/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | BOULDER OAKS ELEMENTARY SCHOOL | SWEETWATER | COUNTY- ALPINE | GRADES 4-5 | 33 |
| 228 | 2/10/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | DIEGUENO COUNTRY SCHOOL | SAN DIEGUITO | SAN DIEGUITO | GRADES 2, 4,5 | 63 |
| 229 | 2/10/2012 | PRESENTATION | WATERSHED | 1 | DPW | VALHALLA HIGH SCHOOL | SWEETWATER | EL CAJON | AVID | 30 |
| 230 | 2/10/2012 | PRESENTATION | WATERSHED | 1 | DPW | VALHALLA HIGH SCHOOL | SWEETWATER | EL CAJON | AVID | 35 |
| 231 | 2/10/2012 | PRESENTATION | WATERSHED | 1 | DPW | VALHALLA HIGH SCHOOL | SWEETWATER | EL CAJON | AVID | 28 |
| 232 | 2/10/2012 | PRESENTATION | WATERSHED | 1 | DPW | VALHALLA HIGH SCHOOL | SWEETWATER | EL CAJON | AVID | 31 |
| 233 | 2/15/2012 | MASS MAILING | MAIL OUT LETTERS | 0 | DPW | 141 LETTERS SENT TO SCHOOLS AND SCHOOL DISTRICTS | VARIOUS | VARIOUS UNINCORPATED SCHOOLS | SCHOOL /DISTRICTS | 141 |
| 234 | 2/16/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | BOULDER OAKS ELEMENTARY SCHOOL | SWEETWATER | COUNTY- ALPINE | GRADE 5 | 33 |
| 235 | 2/16/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | BOULDER OAKS ELEMENTARY SCHOOL | SWEETWATER | COUNTY- ALPINE | GRADE 5 | 33 |
| 236 | 2/17/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | JAMUL INTERMEDIATE SCHOOL | OTAY | COUNTY- JAMUL | GRADE 4 | 32 |
| 237 | 2/17/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | JAMUL INTERMEDIATE SCHOOL | OTAY | COUNTY- JAMUL | GRADE 4 | 32 |
| 238 | 2/17/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | JAMUL INTERMEDIATE SCHOOL | OTAY | COUNTY- JAMUL | GRADE 4 | 32 |
| 239 | 2/18/2012 | WATERSHED ACTIVITY | WATERSHED AWARENESS; LITTER PICK-UP & TRAIL CLEAN-UP | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | BOY/GIRL SCOUTS | 23 |
| 240 | 2/23/2012 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | BIOLOGY | 25 |

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|-----|-----------|--------------------|-------------------------------|------------------|------|--------------------------|-----------------|------------------|--------------------------|---------------------|
| 241 | 2/23/2012 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | BIOLOGY | 30 |
| 242 | 2/23/2012 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | BIOLOGY | 30 |
| 243 | 2/23/2012 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | BIOLOGY | 30 |
| 244 | 2/23/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 78 |
| 245 | 2/23/2012 | WATERSHED ACTIVITY | SCHOOL GROUP PICKING UP TRASH | 3 | DPR | FLINN SPRINGS | SAN DIEGO | EL CAJON | SCHOOL CHILDREN | 22 |
| 246 | 2/24/2012 | PRESENTATION | WATERSHED | 120 MINUTES | DPW | JULIAN HIGH SCHOOL | SAN DIEGO RIVER | JULIAN | EARTH SCIENCE | 32 |
| 247 | 2/24/2012 | PRESENTATION | WATERSHED | 120 MINUTES | DPW | JULIAN HIGH SCHOOL | SAN DIEGO RIVER | JULIAN | BIOLOGY | 22 |
| 248 | 2/24/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | HANSON ELEMENTARY SCHOOL | SAN DIEGUITO | COUNTY- RAMONA | GRADE 3 | 40 |
| 249 | 2/24/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | HANSON ELEMENTARY SCHOOL | SAN DIEGUITO | COUNTY- RAMONA | GRADE 3 | 40 |
| 250 | 2/27/12 | PRESENTATION | SPLASH LAB | 4 | DPW | BOULDER OAKS ELEMENTARY | SWEETWATER | ALPINE | GRADES 3-5 | 147 |
| 251 | 3/5/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 35 |
| 252 | 3/5/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 40 |
| 253 | 3/5/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 35 |
| 254 | 3/5/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 35 |
| 255 | 3/5/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 35 |
| 256 | 3/5/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | HEALTH | 35 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------|---------------------------------|------------------|------|----------------------------|-----------------|-----------------------|----------------------------|---------------------|
| 257 | 3/9/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 35 |
| 258 | 3/9/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | BANCROFT ELEMENTARY SCHOOL | SWEETWATER | COUNTY- SPRING VALLEY | GRADE 4 | 100 |
| 259 | 3/12/2012 | PRESENTATION | SCOUT TALK/CAMPOUT | 0.5 | DPR | OAKOASIS | SAN DIEGO RIVER | LAKESIDE | BOY/GIRL SCOUTS | 40 |
| 260 | 3/13/2012 | PRESENTATION | WATERSHED | 1 | DPW | FALLBROOK HIGH SCHOOL | SAN LUIS REY | FALLBROOK | AUTOMOTIVE | 25 |
| 261 | 3/13/2012 | PRESENTATION | WATERSHED | 1 | DPW | FALLBROOK HIGH SCHOOL | SAN LUIS REY | FALLBROOK | AUTOMOTIVE | 25 |
| 262 | 3/13/2012 | PRESENTATION | WATERSHED | 1 | DPW | FALLBROOK HIGH SCHOOL | SAN LUIS REY | FALLBROOK | AUTOMOTIVE | 25 |
| 263 | 3/13/2012 | PRESENTATION | WATERSHED | 1 | DPW | FALLBROOK HIGH SCHOOL | SAN LUIS REY | FALLBROOK | AUTOMOTIVE | 25 |
| 264 | 3/13/2012 | PRESENTATION | WATERSHED | 1 | DPW | FALLBROOK HIGH SCHOOL | SAN LUIS REY | FALLBROOK | AUTOMOTIVE | 25 |
| 265 | 3/14/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | JAMACHA ELEMENTARY | SWEETWATER | VALLE DE ORO | GRADE 1 | 72 |
| 266 | 3/15/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 47 |
| 267 | 3/15/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | BARNETT ELEMENTARY SCHOOL | SAN DIEGUITO | COUNTY - RAMONA | GRADE 5 | 45 |
| 268 | 3/19/12 | PRESENTATION | SPLASH LAB | 4 | DPW | STUART MESA ELEMENTARY | SANTA MARGARITA | PENDLETON - DE LUZ | GRADES 3-5 | 129 |
| 269 | 3/22/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 210 |
| 270 | 3/27/2012 | PRESENTATION | RESPONSIBILITY FOR ONES LITTER. | 0.25 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | ELEMENTARY SCHOOL CHILDREN | 28 |
| 271 | 3/28/12 | PRESENTATION | SPLASH LAB | 4 | DPW | DEHESA ELEMENTARY | SWEETWATER | CREST - DEHESA | GRADES 4-6 | 70 |
| 272 | 3/29/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | SAN ONOFRE SCHOOL | SAN JUAN | PENDLETON - DE LUZ | GRADE 1 | 117 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------|-----------------------|------------------|------|--------------------------|-----------------|------------------|----------------------------|---------------------|
| 273 | 3/30/2012 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | MEDICAL BIOLOGY | 35 |
| 274 | 3/30/2012 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | MEDICAL BIOLOGY | 35 |
| 275 | 3/31/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 2 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 50 |
| 276 | 4/2/2012 | PRESENTATION | USE WATER RESPONSIBLY | 0.25 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | ELEMENTARY SCHOOL CHILDREN | 36 |
| 277 | 4/3/12 | PRESENTATION | SPLASH LAB | 4 | DPW | NATIVITY SCHOOL | SAN DIEGUITO | SAN DIEGUITO | GRADES 4-6 | 64 |
| 278 | 4/11/12 | PRESENTATION | SPLASH LAB | 4 | DPW | OAK VALLEY MIDDLE SCHOOL | SAN DIEGUITO | SAN DIEGUITO | GRADE 6 | 180 |
| 279 | 4/11/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 26 |
| 280 | 4/11/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 36 |
| 281 | 4/11/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 30 |
| 282 | 4/11/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 26 |
| 283 | 4/11/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 29 |
| 284 | 4/11/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 30 |
| 285 | 4/12/12 | PRESENTATION | SPLASH LAB | 4 | DPW | OAK VALLEY MIDDLE SCHOOL | SAN DIEGUITO | SAN DIEGUITO | GRADE 6 | 107 |
| 286 | 4/12/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 30 |
| 287 | 4/12/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 26 |
| 288 | 4/12/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 29 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------|------------------------|------------------|------|-----------------------------|--------------|-------------------|--------------------------|---------------------|
| 289 | 4/12/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 36 |
| 290 | 4/12/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 30 |
| 291 | 4/12/2012 | PRESENTATION | WATERSHED | 1.67 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | BIOLOGY | 30 |
| 292 | 4/13/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | RANCHO GUAJOME ADOBE | SAN LUIS REY | VISTA | SCHOOL CHILDREN | 225 |
| 293 | 4/16/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 294 | 4/16/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 295 | 4/16/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 296 | 4/16/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 297 | 4/16/2012 | PRESENTATION | WATERSHED | 1 | DPW | OTAY RANCH HIGH SCHOOL | OTAY | OTAY | BIOLOGY | 28 |
| 298 | 4/16/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 10 |
| 299 | 4/16/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | WILLIAM H. FRAZIER SCHOOL | SAN LUIS REY | COUNTY- FALLBROOK | GRADES K-3 | 350 |
| 300 | 4/16/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | WILLIAM H. FRAZIER SCHOOL | SAN LUIS REY | COUNTY- FALLBROOK | GRADES 4-6 | 350 |
| 301 | 4/17/12 | PRESENTATION | SPLASH LAB | 4 | DPW | SPRING VALLEY MIDDLE SCHOOL | SWEETWATER | VALLE DE ORO | GRADE 7 | 129 |
| 302 | 4/17/2012 | PRESENTATION | WATERSHED | 1 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | EARTH SCIENCE | 34 |
| 303 | 4/17/2012 | PRESENTATION | WATERSHED | 1 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | EARTH SCIENCE | 34 |
| 304 | 4/17/2012 | PRESENTATION | WATERSHED | 1 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | EARTH SCIENCE | 34 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------------|---|------------------|------|-----------------------------|--------------|-------------------------|--------------------------|---------------------|
| 305 | 4/17/2012 | PRESENTATION | WATERSHED | 1 | DPW | RAMONA HIGH SCHOOL | SAN DIEGUITO | RAMONA | EARTH SCIENCE | 33 |
| 306 | 4/19/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | PEPPER DRIVE | SAN DIEGO | PEPPER DRIVE - BOSTONIA | GRADE 2 | 92 |
| 307 | 4/20/2012 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | BIOLOGY | 33 |
| 308 | 4/20/2012 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | BIOLOGY | 33 |
| 309 | 4/20/2012 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | BIOLOGY | 33 |
| 310 | 4/20/2012 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | BIOLOGY | 33 |
| 311 | 4/20/2012 | PRESENTATION | WATERSHED | 1 | DPW | MOUNT MIGUEL HIGH SCHOOL | SWEETWATER | SPRING VALLEY | BIOLOGY | 33 |
| 312 | 4/21/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 16 |
| 313 | 4/23/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | KEMPTON ELEMENTARY | SWEETWATER | COUNTY - SPRING VALLEY | GRADE K-1 | 90 |
| 314 | 4/24/12 | PRESENTATION | SPLASH LAB | 4 | DPW | SPRING VALLEY MIDDLE SCHOOL | SWEETWATER | VALLE DE ORO | GRADE 7 | 99 |
| 315 | 4/26/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | LAKEVIEW SCHOOL | SAN DIEGO | LAKESIDE | GRADE 1 | 131 |
| 316 | 4/27/2012 | PRESENTATION | WATERSHED | 1 | DPW | OLYMPIAN HIGH SCHOOL | OTAY | OTAY | GEOGRAPHY | 40 |
| 317 | 4/27/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 16 |
| 318 | 4/30/12 | PRESENTATION | SPLASH LAB | 4 | DPW | BANCROFT ELEMENTARY | SWEETWATER | SPRING VALLEY | GRADE 5 | 68 |
| 319 | 4/30/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 10 |
| 320 | 4/30/2012 | WATERSHED ACTIVITY | I LOVE A CLEAN SD CREEK TO BAY CLEAN UP | 3 | DPR | OTAY VALLEY REGIONAL PARK | OTAY | SAN DIEGO | BOY/GIRL SCOUTS | 35 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------------|--|------------------|------|----------------------------|-----------------|---------------------|----------------------------|---------------------|
| 321 | 4/30/2012 | WATERSHED ACTIVITY | I LOVE A CLEAN SD, CREEK TO BAY, CLEAN UP | 3 | DPR | WESTERNGATE STAGGING AREA | SWEETWATER | COUTNY OF SAN DIEGO | CHILDREN & ADULTS | 50 |
| 322 | 5/3/12 | PRESENTATION | SPLASH LAB | 4 | DPW | TRINITY CHRISTIAN SCHOOL | SWEETWATER | SPRING VALLEY | GRADES 3-8 | 70 |
| 323 | 5/3/2012 | PRESENTATION | SCHOOL COMPOSTING EDUCATION | 6 | DPW | CHASE ELEMENTARY | SAN DIEGO | EL CAJON | SCHOOL | 43 |
| 324 | 5/6/2012 | PRESENTATION | VISITOR CENTER | 0.5 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 12 |
| 325 | 5/7/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 30 |
| 326 | 5/8/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | ESCONDIDO CHRISTIAN SCHOOL | SAN DIEGUITO | NORTH COUNTY METRO | GRADES 3-4 | 83 |
| 327 | 5/9/12 | PRESENTATION | SPLASH LAB | 4 | DPW | ALPINE ELEMENTARY | SAN DIEGO | ALPINE | GRADE 5 | 80 |
| 328 | 5/11/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 84 |
| 329 | 5/12/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 11 |
| 330 | 5/12/2012 | WATERSHED ACTIVITY | ACORN PLANTING, EROSION & WATERSHED AWARENESS,GSOB EDUCATION | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | BOY/GIRL SCOUTS | 42 |
| 331 | 5/14/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 45 |
| 332 | 5/15/12 | PRESENTATION | SPLASH LAB | 4 | DPW | VALLEY VISTA | SWEETWATER | SWEETWATER | GRADES 5-6 | 91 |
| 333 | 5/17/12 | PRESENTATION | SPLASH LAB | 4 | DPW | HERITAGE ELEMENTARY | OTAY | OTAY | GRADES 4-5 | 135 |
| 334 | 5/18/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | JAMES DUKES ELEMENTARY | SAN DIEGO | RAMONA | GRADE 3 | 78 |
| 335 | 5/18/2012 | PRESENTATION | RESPONSIBILITY FOR ONES LITTER | 0.25 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | ELEMENTARY SCHOOL CHILDREN | 63 |
| 336 | 5/18/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 3 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 73 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------------|------------------------------|------------------|------|-------------------------------|-----------------|------------------|----------------------------|---------------------|
| 337 | 5/18/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | LEMON CREST ELEMENTARY SCHOOL | SAN DIEGO RIVER | COUNTY -LAKESIDE | GRADES K-2 | 275 |
| 338 | 5/18/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | LEMON CREST ELEMENTARY SCHOOL | SAN DIEGO RIVER | COUNTY -LAKESIDE | GRADES 3-5 | 275 |
| 339 | 5/18/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | VIVIAN BANKS CHARTER SCHOOL | SAN LUIS REY | COUNTY- BONSALE | GRADES K-2 | 60 |
| 340 | 5/19/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 8 |
| 341 | 5/20/2012 | WATERSHED ACTIVITY | LITTERING AND TRASH CLEAN UP | 10 MIN. | DPR | PINE VALLEY PARK | TIJAUNA RIVER | PINE VALLEY | SCHOOL CHILDREN | 25 |
| 342 | 5/20/2012 | PRESENTATION | SCOUT TALK/CAMPOUT | 1 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | BOY/GIRL SCOUTS | 20 |
| 343 | 5/20/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 3 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 115 |
| 344 | 5/21/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | WILDERNESS GARDENS PRESERVE | SAN LUIS REY | PALA | SCHOOL CHILDREN | 7 |
| 345 | 5/21/2012 | WATERSHED ACTIVITY | LAKE USE-TRASH LITTERING | 6 | DPR | LAKE MORENA | TJ RIVER | MT. EMPIRE | YOUTH | 30 |
| 346 | 5/23/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | VIVIAN BANKS CHARTER | SAN LUIS REY | PALA - PAUMA | GRADES K - 5 | 108 |
| 347 | 5/23/12 | PRESENTATION | SPLASH LAB | 4 | DPW | PAUMA | SAN LUIS REY | PALA - PAUMA | GRADES 4-6 | 7 |
| 348 | 5/24/12 | PRESENTATION | SPLASH LAB | 4 | DPW | RAMONA ELEMENTARY | SAN DIEGUITO | RAMONA | GRADES 4-5 | 143 |
| 349 | 5/26/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | SCHOOL CHILDREN | 6 |
| 350 | 5/27/2012 | PRESENTATION | USE WATER RESPONSIBLY | 0.25 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | ELEMENTARY SCHOOL CHILDREN | 48 |
| 351 | 5/27/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 2 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 55 |
| 352 | 5/28/2012 | PRESENTATION | SCOUT TALK & HIKE/ CAMPOUT | 2 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | BOY/GIRL SCOUTS | 23 |

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|-----|-----------|--------------------|--|------------------|------|-----------------------------|-----------------|------------------------|----------------------------|---------------------|
| 353 | 5/29/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | RANCHO SAN DIEGO SCHOOL | SWEETWATER | VALLE DE ORO | GRADES 4-5 | 99 |
| 354 | 5/30/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | CASA DE ORO ELEMENTARY | SWEETWATER | VALLE DE ORO | GRADES 1-4 | 109 |
| 355 | 5/30/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | AVONDALE ELEMENTARY | SWEETWATER | COUNTY - SPRING VALLEY | GRADES K-3 | 250 |
| 356 | 5/30/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | AVONDALE ELEMENTARY | SWEETWATER | COUNTY - SPRING VALLEY | GRADES 4-6 | 250 |
| 357 | 5/31/12 | PRESENTATION | SPLASH LAB | 4 | DPW | JOAN MACQUEEN MIDDLE SCHOOL | SAN DIEGO | ALPINE | GRADES 6-7 | 78 |
| 358 | 6/1/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 2 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 65 |
| 359 | 6/2/2012 | PRESENTATION | RESPONSIBILITY FOR ONES LITTER | 0.25 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | ELEMENTARY SCHOOL CHILDREN | 33 |
| 360 | 6/2/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 2 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 55 |
| 361 | 6/2/2012 | PRESENTATION | SAFETY IN THE FOREST; WATERSHED AWARENESS & POLLUTION PREVENTION | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | BOY/GIRL SCOUTS | 32 |
| 362 | 6/4/2012 | WATERSHED ACTIVITY | NATIONAL TRAILS DAY, TRAIL RENOVATION | 3 | DPR | OTAY LAKES COUNTY PARK | OTAY | CHULA VISTA | BOY/GIRL SCOUTS | 37 |
| 363 | 6/4/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | SHADOW HILLS ELEMENTARY | SAN DIEGO RIVER | COUNTY - ALPINR | GRADES 4-5 | 70 |
| 364 | 6/5/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | JACUMBA ELEMENTARY | ANZA - BORREGO | MOUNTAIN EMPIRE | GRADES K-1 | 43 |
| 365 | 6/7/12 | PRESENTATION | GREEN MACHINE | 4 | DPW | W.D. HALL ELEMENTARY | SAN DIEGO | LAKESIDE | GRADES 3-4 | 65 |
| 366 | 6/7/12 | PRESENTATION | SPLASH LAB | 4 | DPW | FUERTE ELEMENTARY | SWEETWATER | VALLE DE ORO | GRADE 4 | 89 |
| 367 | 6/8/2012 | PRESENTATION | WATERSHED | 1 | DPW | VALLEY CENTER HIGH SCHOOL | SAN LUIS REY | VALLEY CENTER | HEALTH | 35 |
| 368 | 6/8/2012 | PRESENTATION | WATERSHED | 1 | DPW | VALLEY CENTER HIGH SCHOOL | SAN LUIS REY | VALLEY CENTER | HEALTH | 30 |

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|-----|-----------|--------------------|--|------------------|------|------------------------------|-----------------|------------------------|----------------------------|---------------------|
| 369 | 6/8/2012 | HIKE | DISCOVERY KIT PROGRAM | 1 | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | SCHOOL CHILDREN | 298 |
| 370 | 6/8/2012 | WATERSHED ACTIVITY | SCHOOL GROUP PICKING UP TRASH | 2 | DPR | FLINN SPRINGS | SAN DIEGO | EL CAJON | SCHOOL CHILDREN | 21 |
| 371 | 6/11/2012 | PRESENTATION | CALIFORNIA HISTORICAL SOCIETY, SWEETWATER PARK HISTORY | 1 | DPR | SWEETWATER SUMMIT CAMPGROUND | SWEETWATER | COUTNY OF SAN DIEGO | CHILDREN & ADULTS | 100 |
| 372 | 6/11/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | RANCHO ELEMENTARY | SWEETWATER | COUNTY - SPRING VALLEY | GRADE 2 | 52 |
| 373 | 6/11/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | RANCHO ELEMENTARY | SWEETWATER | COUNTY - SPRING VALLEY | GRADE 3 | 55 |
| 374 | 6/13/2012 | PRESENTATION | USE WATER RESPONSIBLY | 0.25 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | ELEMENTARY SCHOOL CHILDREN | 150 |
| 375 | 6/13/2012 | PRESENTATION | R1 EARTH RECYCLING/HHW | 1 | DPW | KEMPTON ELEMENTARY | SWEETWATER | COUNTY - SPRING VALLEY | GRADE 3 | 120 |
| 376 | 6/14/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | LIVE OAK PARK | SAN LUIS REY | FALLBROOK | SCHOOL CHILDREN | 360 |
| 377 | 6/14/2012 | PRESENTATION | RESPONSIBILITY FOR ONES LITTER | 0.25 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | ELEMENTARY SCHOOL CHILDREN | 75 |
| 378 | 6/16/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 3 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 65 |
| 379 | 6/20/12 | PRESENTATION | SPLASH LAB | 4 | DPW | LAKESIDE FARMS ELEMENTARY | SAN DIEGO | LAKESIDE | GRADE 5 | 63 |
| 380 | 6/20/2012 | PRESENTATION | KIOSK INSTALLED | 3 | DPR | EL CAPITAN | SAN DIEGO RIVER | LAKESIDE | BOY/GIRL SCOUTS | 4 |
| 381 | 6/22/2012 | PRESENTATION | RESPONSIBILITY FOR ONES LITTER | 0.25 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | ELEMENTARY SCHOOL CHILDREN | 80 |
| 382 | 6/30/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 2 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 58 |
| 383 | 10/1/2012 | HIKE | FLORA & FAUNA DISCOVERY; ECO-SYSTEM; WATERSHED AWARENESS | 1.5 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | BOY/GIRL SCOUTS | 45 |
| 384 | 10/8/2012 | WATERSHED ACTIVITY | ACORN PLANTING; EROSION AND WATERSHED AWARENESS | 2 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | BOY/GIRL SCOUTS | 50 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|------------|--------------------|---|------------------|------|---------------|-----------------|------------------|--------------------------|---------------------|
| 385 | 10/8/2012 | PRESENTATION | "A DAY AS A RANGER"; ECO-SYSTEM; POLLUTION PREVENTION | 2 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | BOY/GIRL SCOUTS | 95 |
| 386 | 10/15/2012 | WATERSHED ACTIVITY | ACORN PLANTING; EROSION AND WATERSHED AWARENESS | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | BOY/GIRL SCOUTS | 25 |
| 387 | 11/9/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 1 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 70 |
| 388 | 11/13/2012 | PRESENTATION | SCOUT TALK/CAMPOUT | 1 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | BOY/GIRL SCOUTS | 30 |
| 389 | 11/19/2012 | WATERSHED ACTIVITY | WATERSHED AWARENESS; LITTER PICK-UP & TRAIL CLEAN-UP | 1.5 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | BOY/GIRL SCOUTS | 40 |
| 390 | 10/22/2018 | PRESENTATION | "A DAY AS A RANGER"; ECO-SYSTEM; POLLUTION PREVENTION | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | YMCA YOUTH | 45 |
| 391 | 5//5/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 2 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 61 |
| 392 | 63/2012 | PRESENTATION | DISCOVERY KIT PROGRAM | 2 | DPR | STELZER | SAN DIEGO RIVER | LAKESIDE | CHILDREN & ADULTS | 107 |

ATTACHMENT 6.2

OUTREACH EVENTS INVENTORY

Attachment 6.2 Outreach Events Inventory
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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|------------------------------------|--|------------------|------|--------------------------|-----------------|-------------------|------------------------------------|---------------------|
| 1 | 7/1/2011 | COMMUNITY EVENT BOOTH | SAN DIEGO COUNTY FAIR- AG EDUCATION DAY | 7 | DPW | DEL MAR FAIRGROUNDS | SAN DIEGUITO | CITY OF DEL MAR | GENERAL PUBLIC, FAMILIES | 300 |
| 2 | 7/7/2011 | PICNIC | RESPONSIBILITY FOR ONES LITTER. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 4 |
| 3 | 7/8/2011 | CLEAN UP | CREEK CLEAN UP | 4 | P&R | FLINN SPRINGS | SAN DIEGO | EL CAJON | PUBLIC | 12 |
| 4 | 7/12/2011 | TALK | HANDED OUT DOGGIE POOP BAG | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 3 |
| 5 | 7/14/2011 | INTERP | IMPERIAL CTY VISTORS/ LAKE USE | 2HRS | DPR | LAKE MORENA | TJ RIVER | MT. EMPIRE | ADULT/YOUTH | 60 |
| 6 | 7/19/2011 | PICNIC | RESPONSIBILITY FOR ONES LITTER. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 8 |
| 7 | 7/19/2011 | COMMUNITY EVENT- BOOTH | ESCONDIDO FARMERS MARKET | 3.5 | FHA | GRAND AVENUE, ESCONDIDO | CARLSBAD | ESCONDIDO | GENERAL RESIDENTIAL/HOME GARDENERS | 500 |
| 8 | 7/21/2011 | COUNTY NEWS ARTICLE | PEST TIP WHEEL ARTICLE IPM | 0 | FHA | COUNTY FACILITIES | MULTIPLE | MULTIPLE | COUNTY EMPLOYEES | 10,000 |
| 9 | 7/23/2011 | COMMUNITY EVENT BOOTH/ SPONSORSHIP | MOVIES IN THE PARK - 4S RANCH SPORTS FIELD | 4 | DPW | 4S RANCH SPORTS PARK | SAN DIEGUITO | 4S RANCH | GENERAL PUBLIC, FAMILIES | 150 |
| 10 | 7/23/2011 | COMMUNITY IPM WORKSHOP | HOW TO GROW HEALTHY, TASTY TOMATOES! (SPANISH) | 1.5 | FHA | BONITA SUNNYSIDE LIBRARY | SWEETWATER | BONITA | GENERAL RESIDENTIAL/HOME GARDENERS | 39 |
| 11 | 7/23/2011 | DISCUSSION | RESPONSIBLE FOR PICKING UP POO | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 1 |
| 12 | 7/24/2011 | TALK | PLEASE PICK UP TRASH | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 2 |
| 13 | 7/25/2011 | PICNIC/FUNDRAISER | FRIENDS OF OVRP PICNIC | 3 | P&R | OTAY LAKES COUNTY PARK | OTAY | CHULA VISTA | FRIENDS OF THE PARK | 75 |

Attachment 6.2 Outreach Events Inventory
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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|------------------------------------|---|------------------|------|-------------------------|-----------------|-------------------|------------------------------------|---------------------|
| 14 | 7/30/2011 | COMMUNITY EVENT BOOTH | PINE VALLEY DAYS | 6 | DPW | PINE VALLEY PARK | TIJUANA RIVER | PINE VALLEY | GENERAL PUBLIC, FAMILIES | 250 |
| 15 | 8/3/2011 | TALK | EXPLAINED WHAT THE PURPOSE OF THE STORM DRAIN WAS | 0.3 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 2 |
| 16 | 8/5/2011 | COMMUNITY EVENT BOOTH/ SPONSORSHIP | MOVIES IN THE PARK- SPRING VALLEY PARK | 4 | DPW | SPRING VALLEY PARK | SWEETWATER | SPRING VALLEY | GENERAL PUBLIC, FAMILIES | 750 |
| 17 | 8/7/2011 | PRESENTATION | GUAJOME CREEK/SAN LUIS REY WATERSHED | 1 | DPR | RANCHO GUAJOME ADOBE | SAN LUIS REY | VISTA | PARK VISITORS | 350 |
| 18 | 8/8/2011 | DISCUSSION | TRASH PICK UP PLEASE | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 3 |
| 19 | 8/9/2011 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 20 | 8/9/2011 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 21 | 8/15/2011 | ASSEMBLY | RESPONSIBILITY FOR ONES LITTER. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 6 |
| 22 | 8/15/2011 | DIRECT PUBLIC CONTACT | TRASH/ LITTERING | 1 HR. | DPR | LAKE MORENA | TJ RIVER | MT. EMPIRE | ADULT/YOUTH | 2 |
| 23 | 8/16/2011 | COMMUNITY EVENT- BOOTH | ESCONDIDO FARMERS MARKET | 3.5 | FHA | GRAND AVENUE, ESCONDIDO | CARLSBAD | ESCONDIDO | GENERAL RESIDENTIAL/HOME GARDENERS | 350 |
| 24 | 8/16/2011 | DIRECT PUBLIC CONTACT | STORMWATER/ LEAKAGE FROM RV | 1 HR. | DPR | LAKE MORENA | TJ RIVER | MT. EMPIRE | ADULT | 1 |
| 25 | 8/19/2011 | COMMUNITY EVENT BOOTH/ SPONSORSHIP | MOVIES IN THE PARK - LINDO LAKE PARK | 4 | DPW | LINDO LAKE PARK | SAN DIEGO RIVER | LAKESIDE | GENERAL PUBLIC, FAMILIES | 200 |
| 26 | 8/20/2011 | COMMUNITY EVENT- BOOTH | WATERMELON FESTIVAL | 2 | FHA | MAGEE PARK | CARLSBAD | CARLSBAD | GENERAL RESIDENTIAL/HOME GARDENERS | 30 |

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|-----|-----------|------------------------|--|------------------|------------|---|-----------------|------------------------|------------------------------------|---------------------|
| 27 | 8/21/2011 | TALK | PLEASE USE DOGGIE BAGS | 0.3 | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | FAMILY | 5 |
| 28 | 8/27/2011 | COMMUNITY IPM WORKSHOP | STARTING TO GROW YOUR OWN FOOD? LEARN HOW TO WIN THE BATTLE AGAINST PESTS! | 1.5 | FHA | LAKESIDE COMMUNITY CENTER | SAN DIEGO | LAKESIDE | GENERAL RESIDENTIAL/HOME GARDENERS | 23 |
| 29 | 8/27/2011 | AG WATER SCHOOL | WATER QUALITY BMPS | 2 | UCCE/D AWM | SOUTH COAST RESEARCH AND EXTENTION CENTER | NEWPORT BAY | OUT OF COUNTY - IRVINE | AG PRODUCERS, LAND & TURF MANAGERS | 90 |
| 30 | 8/27/2011 | COMMUNITY EVENT-BOOTH | SOUTH BAY GREEN SCENE | 6 | FHA | SOUTHWESTERN COLLEGE, CHULA VISTA | SWEETWATER | CHULA VISTA | GENERAL RESIDENTIAL/HOME GARDENERS | 100 |
| 31 | 9/2/2011 | PICK UP | LITTER | 5 MIN. | DPR | DEL PARQUE | SWEETWATER | SPRING VALLEY | PARK VISITOR | 1 |
| 32 | 9/2/2011 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 33 | 9/2/2011 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 34 | 9/2/2011 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 35 | 9/2/2011 | PICK UP | LITTER | 30MIN. | DPR | STEELE CANYON | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 36 | 9/2/2011 | PICK UP | LITTER | 5 MIN. | DPR | WIND RIVER COTTONWOOD I | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 37 | 9/2/2011 | PICK UP | LITTER | 5 MIN. | DPR | WOOD HAVEN COTTONWOOD II | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 38 | 9/2/2011 | PICK UP | LITTER | 5 MIN. | DPR | WOOD HAVEN COTTONWOOD II | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 39 | 9/3/2011 | SPONSORSHIP | MOVIES IN THE PARK - DOS PICOS PARK | 4 | DPW | DOS PICOS PARK | SAN DIEGO RIVER | RAMONA | GENERAL PUBLIC, FAMILIES | 150 |

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|-----|-----------|------------------------------------|---------------------------------------|------------------|---------------|------------------------|-----------------|------------------------|------------------------------------|---------------------|
| 40 | 9/10/2011 | COMMUNITY EVENT BOOTH/ SPONSORSHIP | MOVIES IN THE PARK - JESS MARTIN PARK | 4 | DPW | JESS MARTIN PARK | ANZA BORREGO | BORREGO | GENERAL PUBLIC, FAMILIES | 75 |
| 41 | 9/11/2011 | DIRECT PUBLIC CONTACT | STORMWATER/ PET DROPPINGS | 1 HR. | DPR | LAKE MORENA | TJ RIVER | MT. EMPIRE | FAMILY | 4 |
| 42 | 9/15/2011 | PRESENTATION | WATERSHED AND LINDO LAKE | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | FAMILY | 4 |
| 43 | 9/17/2011 | COMMUNITY EVENT- BOOTH | SPRING VALLEY FIESTA | 3 | FHA | SPRING VALLEY LIBRARY | SWEETWATER | SPRING VALLEY | GENERAL RESIDENTIAL/HOME GARDENERS | 200 |
| 44 | 9/19/2011 | TALK | PLEASE PICK UP AFTER YOUR DOG | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 1 |
| 45 | 9/20/2011 | ASSEMBLY | PLEASE USE DOGGIE BAG. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | PARK PATRONS | 4 |
| 46 | 9/20/2011 | KIOSK | SIGNS OF DEGRADED BMP'S | 24HRS KIOSK | PARKS & REC. | ESTRELLA | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 47 | 9/20/2011 | KIOSK | SIGNS OF DEGRADED BMP'S | 24HRS KIOSK | PARKS & REC. | EUCALYPTUS PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 48 | 9/20/2011 | KIOSK | SIGNS OF DEGRADED BMP'S | 24HRS KIOSK | PARKS & REC. | GOODLAND ACRES | SWEETWATER | COUNTY - SPRING VALLEY | GENERA PUBLIC | PARK USERS |
| 49 | 9/20/2011 | PRESENTATION-MF COMPLEX | MEETING WITH PM | 0.5 | DPW RECYCLING | HEARTLAND CONDOMINIUMS | SWEETWATER | SPRING VALLEY | MULTI-FAMILY COMPLEXES-FAMILY | 1 |
| 50 | 9/20/2011 | PRESENTATION-MF COMPLEX | MEETING WITH PM | 0.5 | DPW RECYCLING | HIDDEN VALLEY HOA | SWEETWATER | SPRING VALLEY | MULTI-FAMILY COMPLEXES-FAMILY | 1 |
| 51 | 9/20/2011 | KIOSK | SIGNS OF DEGRADED BMP'S | 24HRS KIOSK | PARKS & REC. | ILDICA PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 52 | 9/20/2011 | KIOSK | SIGNS OF DEGRADING BMP'S | 24HRS KIOSK | PARKS & REC. | LAMAR PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |

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|-----|-----------|-----------------------|--|------------------|--------------|--------------------------------|-----------------|------------------------|------------------------------------|---------------------|
| 53 | 9/20/2011 | KIOSK | SIGNS OF DEGRADING BMP'S | 24HRS KIOSK | PARKS & REC. | LINCLON ACRES | SWEETWATER | NATIONAL CITY | GENERAL PUBLIC | PARK USERS |
| 54 | 9/20/2011 | KIOSK | SIGNS OF DEGRADED BMP'S | 24HRS KIOSK | PARKS & REC. | SPRING VALLEY GYM | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 55 | 9/20/2011 | KIOSK | SIGNS OF DEGRADED BMP'S | 24HRS KIOSK | PARKS & REC. | SPRING VALLEY PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 56 | 9/20/2011 | KIOSK | SIGNS OF DEGRADED BMP'S | 24HRS KIOSK | PARKS & REC. | SWEETWATER LANE SPORTS COMPLEX | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 57 | 9/22/2011 | COMMUNITY EVENT-BOOTH | VILLAGE GARDEN CLUB MEETING | 3 | FHA | LA JOLLA | PENASQUITOS | LA JOLLA | GENERAL RESIDENTIAL/HOME GARDENERS | 200 |
| 58 | 9/24/2011 | COMMUNITY EVENT BOOTH | FAMILY DAY AT BATES NUT FARM | 5 | DPW | BATES NUT FARM | SAN LUIS REY | VALLEY CENTER | GENERAL PUBLIC, FAMILIES | 500 |
| 59 | 9/24/2011 | COMMUNITY EVENT-BOOTH | FARM EDUCATION DAY | 5 | FHA | BATES NUT FARM | SAN LUIS REY | VALLEY CENTER | GENERAL RESIDENTIAL/HOME GARDENERS | 100 |
| 60 | 9/24/2011 | COMMUNITY EVENT BOOTH | LAKESIDE COMMUNITY EXPO | 6 | DPW | LAKESIDE RODEO GROUNDS | SAN DIEGO RIVER | LAKESIDE | GENERAL PUBLIC, FAMILIES | 500 |
| 61 | 9/26/2011 | TALK | PLEASE PICK UP TRASH | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | PARK VISITORS | 1 |
| 62 | 9/27/2011 | DISCUSSION | WHAT HAPPENS TO THE POOP IF YOU DON'T PICK IT UP | 0.3 | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | FAMILY | 6 |
| 63 | 9/28/2011 | DIRECT PUBLIC CONTACT | TRASH/ LITTERING | 1 HR. | DPR | LAKE MORENA | TJ RIVER | MT. EMPIRE | ADULT | 1 |
| 64 | 10/1/2011 | COMMUNITY EVENT-BOOTH | MASTER GARDENER AUTUM GARDEN TOUR | 7 | FHA | POINT LOMA | SAN DIEGO | POINT LOMA | GENERAL RESIDENTIAL/HOME GARDENERS | 1000 |
| 65 | 10/2/2011 | TALK | USE OF DOG WASTE BAGS | 5 MIN. | DPR | LONNIE BREWER | SWEETWATER | VALLE DE ORO | PARK VISITOR | 2 |

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|-----|-----------|------------------------|--|------------------|------|-----------------------------------|-----------------|-------------------|------------------------------------|---------------------|
| 66 | 10/3/2011 | CLEAN UP | CREEK CLEAN UP | 4 | P+R | FLINN SPRINGS | SAN DIEGO | EL CAJON | PUBLIC | 12 |
| 67 | 10/3/2011 | PRESENTATION | ABOUT TRASH AND THE LAKE | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | FAMILY | 4 |
| 68 | 10/6/2011 | PICK UP | LITTER | 5 MIN. | DPR | DEL PARQUE | SWEETWATER | SPRING VALLEY | PARK VISITOR | 2 |
| 69 | 10/6/2011 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 70 | 10/6/2011 | PICK UP | LITTER | 30MIN. | DPR | STEELE CANYON | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 71 | 10/6/2011 | PICK UP | LITTER | 5 MIN. | DPR | WIND RIVER COTTONWOOD I | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 72 | 10/6/2011 | PICK UP | LITTER | 5 MIN. | DPR | WOOD HAVEN COTTONWOOD II | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 73 | 10/8/2011 | COMMUNITY EVENT- BOOTH | SUSTAIN LA MESA ENVIRONMENTAL FESTIVAL | 4 | FHA | HARRY GRIFFEN PARK | SAN DIEGO | LA MESA | GENERAL RESIDENTIAL/HOME GARDENERS | 250 |
| 74 | 10/8/2011 | COMMUNITY EVENT BOOTH | BONSALL COUNTRY FESTIVAL | 7 | DPW | RIVER VILLAGE SHOPPING CENTER | SAN LUIS REY | BONSALL | GENERAL PUBLIC, FAMILIES | 500 |
| 75 | 10/9/2011 | COMMUNITY EVENT- BOOTH | FOOTHILLS UNITED METHODIST CHURCH | 2.5 | FHA | FOOTHILLS UNITED METHODIST CHURCH | SAN DIEGO | LA MESA | GENERAL RESIDENTIAL/HOME GARDENERS | 100 |
| 76 | 10/9/2011 | PICK UP | SPRINKLER ADJUSTMENTS | 1 | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 0 |
| 77 | 10/9/2011 | PICK UP | SPRINKLER ADJUSTMENTS | 1 | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 0 |
| 78 | 10/9/2011 | PICK UP | LITTER | 5 MIN. | DPR | WOOD HAVEN COTTONWOOD II | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |

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|-----|------------|-------------------------------------|---|------------------|---------------|--|---------------------|-------------------|--|---------------------|
| 79 | 10/11/2011 | PICNIC | RESPONSIBILITY FOR ONES LITTER. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 12 |
| 80 | 10/14/2011 | DISCUSSION | PLEASE PICK UP DOGGIE POO | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 3 |
| 81 | 10/15/2011 | WORKSHOP | COMPOSTING EDUCATION | 2 | DPW RECYCLING | WATER CONSERVATION GARDEN | SWEET WATER | RANCHO SAN DIEGO | PUBLIC | 10 |
| 82 | 10/17/2011 | PRESENTATION | STORMWATER | 0.3 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | FAMILY | 13 |
| 83 | 10/17/2011 | COMMUNITY EVENT- BOOTH | COMMUNITY DAY AT POINT LOMA NAZARENE UNIVERSITY | 4 | FHA | POINT LOMA NAZARENE UNIVERSITY, POINT LOMA | PUEBLO SAN DIEGO | POINT LOMA | GENERAL RESIDENTIAL/HOME GARDENERS | 100 |
| 84 | 10/18/2011 | COMMUNITY EVENT- BOOTH | ESCONDIDO FARMERS MARKET | 3.5 | FHA | GRAND AVENUE, ESCONDIDO | CARLSBAD | ESCONDIDO | GENERAL RESIDENTIAL/HOME GARDENERS | 500 |
| 85 | 10/22/2011 | COMMUNITY EVENT BOOTH | FALLBROOK HEALTH AND FITNESS FAIR | 4 | DPW | LA PALOMA SCHOOL | SAN LUIS REY | FALLBROOK | GENERAL PUBLIC, FAMILIES | 200 |
| 86 | 10/22/2011 | COMMUNITY EVENT - USED OIL OUTREACH | KSON COUNTRYFEST | 8 | DPW RECYCLING | LAKESIDE RODEO GROUNDS | SAN DIEGO WATERSHED | LAKESIDE | RESIDENTS- DO IT YOURSELF OIL CHANGERS | 500 |
| 87 | 10/22/2011 | COMMUNITY IPM WORKSHOP | HOW TO MANAGE CITRUS PESTS THE HEALTHY WAY! (SPANISH) | 1.5 | FHA | VALLEY CENTER LIBRARY | SAN LUIS REY | VALLEY CENTER | GENERAL RESIDENTIAL/HOME GARDENERS | 20 |
| 88 | 10/29/2011 | PRESENTATION | LIVE OAK CREEK/SAN LUIS REY WATERSHED | 1 | DPR | LIVE OAK PARK | SAN LUIS REY | FALLBROOK | PARK VISITORS | 12 |
| 89 | 11/1/2011 | PRESS RELEASE | TOPIC: FATS, OIL, GREASE | 0 | DPW RECYCLING | | ALL | ALL | RESIDENTS | 0 |
| 90 | 11/4/2011 | DISCUSSION | DOGGIE BAG HANDOUT | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 2 |
| 91 | 11/5/2011 | TALK | USE OF DOG WASTE BAGS | 5 MIN. | DPR | LONNIE BREWER | SWEETWATER | VALLE DE ORO | PARK VISITOR | 2 |

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|-----|------------|-----------------------|---|------------------|---------------|---|------------------------|-------------------|------------------------------------|---------------------|
| 92 | 11/5/2011 | GARDENING WORKSHOP | PERMEABLE PAVEMENT WORKSHOP | 1 | DPW | THE WATER CONSERVATION GARDEN | SWEETWATER | RANCHO SAN DIEGO | RESIDENTIAL - GARDENERS | 28 |
| 93 | 11/5/2011 | COMMUNITY EVENT | COMPOSTING BOOTH AT THE EVENT | 6 | DPW RECYCLING | WATER CONSERVATION GARDEN FALL FESTIVAL | SWEET WATER | RANCHO SAN DIEGO | PUBLIC | 250 |
| 94 | 11/5/2011 | COMMUNITY EVENT-BOOTH | FALL GARDEN AND HOME FESTIVAL | 7 | FHA | WATER CONSERVATION GARDEN, CUYAMACA COLLEGE | SWEETWATER | RANCHO SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 70 |
| 95 | 11/5/2011 | COMMUNITY EVENT-BOOTH | FRUIT TREE DAY | 7 | FHA | WEIDNER'S GARDEN NURSERY | CARLSBAD | ENCINITAS | GENERAL RESIDENTIAL/HOME GARDENERS | 40 |
| 96 | 11/6/2011 | PRESENTATION | TEACHER TRAINING DISCOVERY KIT PROGRAM | 3HRS | DPR | STELZER | SAN DIEGO RIVER | COUNTY-LAKESIDE | ADULTS | 16 |
| 97 | 11/10/2011 | OTHER - TIRE CLEANUP | TIRE COLLECTION WORK DAY | 8 | DPW RECYCLING | TIJUANA RIVER VALLEY | TIJUANA | SAN DIEGO | EVENT | 0 |
| 98 | 11/11/2011 | COMMUNITY EVENT-BOOTH | WATER SMART GARDENING FESTIVAL | 6 | FHA | CUYAMACA COLLEGE, SAN DIEGO | SWEETWATER | EL CAJON | GENERAL RESIDENTIAL/HOME GARDENERS | 150 |
| 99 | 11/11/2011 | OTHER - TIRE CLEANUP | TIRE SCOOP UP | 4 | DPW RECYCLING | TIJUANA RIVER VALLEY | TIJUANA | SAN DIEGO | EVENT | 0 |
| 100 | 11/13/2011 | PRESENTATION | SAN LUIS REY RIVER | 1 | DPR | HELLHOLE CANYON PRESERVE | SAN LUIS REY | VALLEY CENTER | PARK VISITORS | 5 |
| 101 | 11/13/2011 | PRESENTATION | SAN LUIS REY RIVER | 1 | DPR | WILDERNESS GARDENS PRESERVE | SAN LUIS REY | PALA | PARK VISITORS | 10 |
| 102 | 11/14/2011 | TALK | TRTASH BLOWING INTO THE LAKE | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | PARK VISITORS | 17 |
| 103 | 11/19/2011 | WORKSHOP | EQUESTRIAN COMPOSTING AND WATERSHED EDUCATION | 2 | WATERSHED | INTERNATIONAL EQUESTRIAN CENTER | SAN DIEGUITO WATERSHED | RAMONA | HORSE OWNERS | 24 |
| 104 | 11/19/2011 | COMMUNITY EVENT BOOTH | LAKEVIEW GO GREEN FAMILY EVENT | 4 | DPW | LAKEVIEW ELEMENTARY SCHOOL | SAN DIEGO RIVER | LAKESIDE | GENERAL PUBLIC, FAMILIES | 250 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|------------|-----------------------|---------------------------------|------------------|---------------|--------------------------------|-----------------|------------------------|--------------------------|---------------------|
| 105 | 11/20/2011 | DIRECT PUBLIC CONTACT | TRASH/ LITTERING | 1 HR. | DPR | LAKE MORENA | TJ RIVER | MT. EMPIRE | ADULT | 2 |
| 106 | 11/27/2011 | PICNIC | RESPONSIBILITY FOR ONES LITTER. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 4 |
| 107 | 11/30/2011 | OTHER - TIRE CLEANUP | TIRE SCOOP UP | 2 | DPW RECYCLING | TIJUANA RIVER VALLEY | TIJUANA | SAN DIEGO | EVENT | 0 |
| 108 | 12/1/2011 | HANDOUT | ECOLOGY | 1 | P+R | FLINN SPRINGS | SAN DIEGO | EL CAJON | PUBLIC | 15 |
| 109 | 12/2/2011 | KIOSK | WATER CONSERVATION | 24HRS KIOSK | PARKS & REC. | ESTRELLA | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 110 | 12/2/2011 | KIOSK | WATER CONSERVATION | 24HRS KIOSK | PARKS & REC. | EUCALYPTUS PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 111 | 12/2/2011 | KIOSK | WATER CONSERVATION | 24HRS KIOSK | PARKS & REC. | GOODLAND ACRES | SWEETWATER | COUNTY - SPRING VALLEY | GENERA PUBLIC | PARK USERS |
| 112 | 12/2/2011 | KIOSK | WATER CONSERVATION | 24HRS KIOSK | PARKS & REC. | ILDICA PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 113 | 12/2/2011 | KIOSK | WATER CONSERVATION | 24HRS KIOSK | PARKS & REC. | LAMAR PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 114 | 12/2/2011 | KIOSK | WATER CONSERVATION | 24HRS KIOSK | PARKS & REC. | LINCLON ACRES | SWEETWATER | NATIONAL CITY | GENERAL PUBLIC | PARK USERS |
| 115 | 12/2/2011 | KIOSK | WATER CONSERVATION | 24HRS KIOSK | PARKS & REC. | SPRING VALLEY GYM | SAN DIEGO BAY | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 116 | 12/2/2011 | KIOSK | WATER CONSERVATION | 24HRS KIOSK | PARKS & REC. | SPRING VALLEY PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 117 | 12/2/2011 | KIOSK | WATER CONSERVATION | 24HRS KIOSK | PARKS & REC. | SWEETWATER LANE SPORTS COMPLEX | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|------------|---------------------------|---------------------------------|------------------|------------------|---------------------------|-----------------|-------------------|--------------------------|---------------------|
| 118 | 12/3/2011 | DIRECT PUBLIC CONTACT | TRASH/ LITTERING | 1 HR. | DPR | LAKE MORENA | TJ RIVER | MT. EMPIRE | ADULT | 1 |
| 119 | 12/3/2011 | WORKSHOP | COMPOSTING EDUCATION | 2 | DPW RECYCLING | MUSSEY GRADE VILLAGE PARK | SAN DIEGUITO | RAMONA | PUBLIC | 28 |
| 120 | 12/4/2011 | TALK | PLEASE PICK UP POO | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 2 |
| 121 | 12/9/2011 | ASSEMBLY | RESPONSIBILITY FOR ONES LITTER. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 5 |
| 122 | 12/13/2011 | WORK PROJECT/SPREAD MULCH | CA. CONSERVATION CORPS. | 1 | P&R | OTAY LAKES COUNTY PARK | OTAY | CHULA VISTA | CORPS. MEMBERS | 8 |
| 123 | 12/17/2011 | ASSEMBLY | USE WATER RESPONSIBLY | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 10 |
| 124 | 12/19/2011 | DISCUSSION | TRASH RESPONSIBILITY | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 5 |
| 125 | 1/3/2012 | PICK UP | LITTER | 5 MIN. | DPR | DAMON LANE | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 126 | 1/3/2012 | PICK UP | LITTER | 5 MIN. | DPR | DEL PARQUE | SWEETWATER | SPRING VALLEY | PARK VISITOR | 2 |
| 127 | 1/3/2012 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 128 | 1/3/2012 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 129 | 1/3/2012 | PICK UP | LITTER | 30MIN. | DPR | STEELE CANYON | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 130 | 1/3/2012 | PICK UP | LITTER | 30MIN. | DPR | STEELE CANYON | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|----------------------------------|---|------------------|---------------|-----------------------------|-----------------|-------------------|--------------------------|---------------------|
| 131 | 1/3/2012 | PICK UP | LITTER | 5 MIN. | DPR | WIND RIVER COTTONWOOD I | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 132 | 1/3/2012 | PICK UP | LITTER | 5 MIN. | DPR | WOOD HAVEN COTTONWOOD II | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 133 | 1/3/2012 | PICK UP | LITTER | 5 MIN. | DPR | WOOD HAVEN COTTONWOOD II | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 134 | 1/9/2012 | TALK | USE OF DOG WASTE BAGS | 5 MIN. | DPR | LONNIE BREWER | SWEETWATER | SD COUNTY | PARK VISITOR | 1 |
| 135 | 1/12/2012 | PRESENTATION | LIVE OAK CREEK/SAN LUIS REY WATERSHED | 1 | DPR | LIVE OAK PARK | SAN LUIS REY | FALLBROOK | PARK VISITORS | 16 |
| 136 | 1/14/2012 | PICNIC | RESPONSIBILITY FOR ONES LITTER. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 36 |
| 137 | 1/14/2012 | WORK PARTY | RESTORATION | 3HRS | DPR | OAKOASIS | SAN DIEGO RIVER | COUNTY-LAKESIDE | AMERICORP | 7 |
| 138 | 1/15/2012 | WORKSHOP | EQUESTRIAN COMPOSTING AND WATERSHED EDUCATION | 2 | WATER SHED | BRIGHT VALLEY FARMS | SWEETWATER | SPRING VALLEY | HORSE OWNERS | 24 |
| 139 | 1/15/2012 | HIKE | SAN LUIS REY RIVER | 1 | DPR | WILDERNESS GARDENS PRESERVE | SAN LUIS REY | PALA | PARK VISITORS | 6 |
| 140 | 1/19/2012 | PRESENTATION-COMMERCIAL OUTREACH | INSPECTION | 6 | DPW RECYCLING | FALLBROOK | SAN LUIS RAY | FALLBROOK | HOSPITALITY | 12 |
| 141 | 1/23/2012 | PRESENTATION | WATERSHED AND LINDO LAKE | 0.3 | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | PARK VISITORS | 3 |
| 142 | 1/25/2012 | WORK PARTY | TRAIL CLEAN UP | 5HRS | DPR | STELZER | SAN DIEGO RIVER | COUNTY-LAKESIDE | AMERICORP | 7 |
| 143 | 2/1/2012 | WORK PARTY | RESTORATION | 2HR | DPR | OAKOASIS | SAN DIEGO RIVER | COUNTY-LAKESIDE | AMERICORP | 7 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|----------------------------------|---|------------------|---------------|---|---------------------|-------------------|--------------------------|---------------------|
| 144 | 2/4/2012 | TALK | USE OF DOG WASTE BAGS | 5 MIN. | DPR | LONNIE BREWER | SWEETWATER | SD COUNTY | PARK VISITOR | 2 |
| 145 | 2/4/2012 | WORKSHOP | COMPOSTING EDUCATION | 2 | DPW RECYCLING | WATER CONSERVATION GARDEN | SWEET WATER | RANCHO SAN DIEGO | PUBLIC | 43 |
| 146 | 2/6/2012 | PICNIC | PLEASE USE DOGGIE BAG. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | PARK PATRONS | 2 |
| 147 | 2/6/2012 | PRESENTATION-COMMERCIAL OUTREACH | INSPECTION | 3 | DPW RECYCLING | SPRING VALLEY | SWEETWATER | SPRING VALLEY | HOSPITALITY | 6 |
| 148 | 2/7/2012 | PRESENTATION-USED OIL RECYCLING | R1ESL PRESENTATION | 1 | DPW RECYCLING | EL CAPITAN HIGH SCHOOL | SAN DIEGO WATERSHED | LAKESIDE | ESL | 20 |
| 149 | 2/7/2012 | PICK UP | LITTER CLEAN UP | 5 MIN. | DPR | HILLSDALE | SWEETWATER | VALLE DE ORO | PARK VISITOR | 2 |
| 150 | 2/8/2012 | WORK PARTY | TRAIL CLEAN UP | 5HS | DPR | EL CAPITAN | SAN DIEGO RIVER | COUNTY-LAKESIDE | AMERICORP | 7 |
| 151 | 2/8/2012 | PRESENTATION | LIVE OAK CREEK/SAN LUIS REY WATERSHED | 1 | DPR | LIVE OAK PARK | SAN LUIS REY | FALLBROOK | PARK VISITORS | 8 |
| 152 | 2/8/2012 | WATERSHED ACTV | LITTERING, TRASH CLEAN UP | 5 MIN. | DPR | PINE VALLEY PARK | TIJAUNA RIVER | PINE VALLEY | PARK VISITORS | 50 |
| 153 | 2/8/2012 | PRESENTATION-MFC MEETING | MET W/ HOA MANAGER, SUPPLIED MATERIALS THAT WILL BE DISPLAYED AT UPCOMING HOA BOARD | 2 | DPW RECYCLING | SHE MANAGEMENT, OLD TOWNE FOR LINDO LAKES HOA, LAKESIDE | SAN DIEGO | LAKESIDE | HOME OWNERS | 1 |
| 154 | 2/10/2012 | COUNTY NEWS ARTICLE | IT'S ABOUT TO RAIN ARTICLE. | 0 | LUEG | COUNTY FACILITIES | MULTIPLE | MULTIPLE | COUNTY EMPLOYEES | 10,000 |
| 155 | 2/11/2012 | COMMUNITY EVENT BOOTH | SHERRIFF'S DEPARTMENT COMMUNITY AWARENESS DAY - LINDO LAKES PARK, LAKESIDE | 4 | DPW | LINDO LAKE PARK | SAN DIEGO RIVER | LAKESIDE | GENERAL PUBLIC, FAMILIES | 150 |
| 156 | 2/13/2012 | PRESENTATION-COMMERCIAL OUTREACH | INSPECTION | 7 | DPW RECYCLING | FALLBROOK | SAN LUIS RAY | FALLBROOK | HOSPITALITY/MFC | 15 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|---------------------------------|--|------------------|---------------|---|--------------------|-------------------|--------------------------|---------------------|
| 157 | 2/13/2012 | DISCUSSION | PLEASE PICK UP DOG POO | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | PARK VISITORS | 1 |
| 158 | 2/15/2012 | MASS MAILING | MAIL OUT LETTERS | 0 | DPW RECYCLING | 128 LETTERS SENT TO COMMERCIAL BUSINESSES OVER 20,000 SQ FT | VARIOUS UNINCORP. | VARIOUS UNINCORP. | BUSINESS-MANAGER/OWNER | 128 |
| 159 | 2/15/2012 | TALK | DOGGIE BAG HANDOUT | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | PARK VISITORS | 1 |
| 160 | 2/19/2012 | PRESENTATION | TEACHER TRAINING DISCOVERY KIT PROGRAM | 2HRS | DPR | STELZER | SAN DIEGO RIVER | COUNTY-LAKESIDE | ADULTS | 2 |
| 161 | 2/20/2012 | HIKE | FELICITA CREEK/SAN DIEGUITO WATERSHED | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | PARK VISITORS | 1 |
| 162 | 2/20/2012 | DISCUSSION | PLEASE PICK UP TRASH | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | PARK VISITORS | 2 |
| 163 | 2/22/2012 | PRESENTATION-USED OIL RECYCLING | R1ESL PRESENTATION | 1 | DPW RECYCLING | PALOMAR COLLEGE | CARLSBAD WATERSHED | SAN MARCOS | ESL | 23 |
| 164 | 2/22/2012 | WORK PARTY | TRAIL CLEAN UP | 5HRS | DPR | STELZER | SAN DIEGO RIVER | COUNTY-LAKESIDE | AMERICORP | 7 |
| 165 | 2/22/2012 | WORK PARTY | TRAIL CLEAN UP | 5HRS | DPR | STELZER | SAN DIEGO RIVER | COUNTY-LAKESIDE | AMERICORP | 7 |
| 166 | 2/25/2012 | WORKSHOP | COMPOSTING EDUCATION | 2 | DPW RECYCLING | CRESTRIDGE ECOLOGICAL RESERVE | SAN DIEGO | CREST | PUBLIC | 17 |
| 167 | 2/28/2012 | ASSEMBLY | PLEASE USE DOGGIE BAG. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | PARK PATRONS | 3 |
| 168 | 2/28/2012 | PRESENTATION | STORMWATER COMING INTO THE LAKE | 0.3 | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | PARK VISITORS | 4 |
| 169 | 3/1/2012 | PRESS RELEASE | TOPIC: TIRE AMENSTY | 0 | DPW RECYCLING | | ALL | ALL | RESIDENTS | 0 |

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|-----|-----------|-----------------------|-----------------------------|------------------|---------------|--|-------------------|-------------------|---|---------------------|
| 170 | 3/4/2012 | PICK UP | LITTER CLEAN UP | 5 MIN. | DPR | HILLSDALE | SWEETWATER | VALLE DE ORO | PARK VISITOR | 3 |
| 171 | 3/5/2012 | MAIL OUT | MAIL OUT LETTERS | 0 | DPW RECYCLING | 90 LETTERS SENT TO MULTIFAMILY PROPERTIES AND PROPERTY | VARIOUS UNINCORP. | VARIOUS UNINCORP. | MULTI-FAMILY COMPLEXES OWNERS AND PROPERTY MANAGERS | 90 |
| 172 | 3/7/2012 | TALK | USE OF DOG WASTE BAGS | 5 MIN. | DPR | LONNIE BREWER | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 173 | 3/9/2012 | IPM WORKSHOP | LAKE SAN MARCOS GARDEN CLUB | 1.5 | FHA | LAKE SAN MARCOS RESORT | CARLSBAD | SAN MARCOS | GENERAL RESIDENTIAL/HOME GARDENERS | 65 |
| 174 | 3/10/2012 | COMMUNITY EVENT-BOOTH | WATER SMART PLANT FAIR | 5 | FHA | ENCINITAS HOME DEPOT | CARLSBAD | ENCINITAS | GENERAL RESIDENTIAL/HOME GARDENERS | 75 |
| 175 | 3/10/2012 | WORKSHOP | COMPOSTING EDUCATION | 2 | DPW RECYCLING | RAMONA COMMUNITY GARDEN (LABRYRINTH) | SAN DIEGUITO | RAMONA | PUBLIC | 17 |
| 176 | 3/12/2012 | PICK UP | LITTER | 5 MIN. | DPR | DAMON LANE | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 177 | 3/12/2012 | PICK UP | LITTER | 5 MIN. | DPR | DEL PARQUE | SWEETWATER | SPRING VALLEY | PARK VISITOR | 1 |
| 178 | 3/12/2012 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 179 | 3/12/2012 | WATERSHED ACTV | USE OF DOG WASTE BAGS | 10 MIN. | DPR | PINE VALLEY PARK | TIJAUNA RIVER | PINE VALLEY | ADULT | 1 |
| 180 | 3/12/2012 | PICK UP | LITTER | 30MIN. | DPR | STEELE CANYON | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 181 | 3/12/2012 | PICK UP | LITTER | 5 MIN. | DPR | WIND RIVER COTTONWOOD I | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 182 | 3/12/2012 | PICK UP | LITTER | 5 MIN. | DPR | WOOD HAVEN COTTONWOOD II | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |

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|-----|-----------|------------------------------------|---|------------------|---------------|--------------------------|------------------------|------------------------|------------------------------------|---------------------|
| 183 | 3/13/2012 | PICNIC | RESPONSIBILITY FOR ONES LITTER. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 9 |
| 184 | 3/13/2012 | PRESENTATION | STORMWATER COMING INTO THE LAKE | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 2 |
| 185 | 3/14/2012 | IPM WORKSHOP | SAN DIEGO EPIPHYLLUM SOCIETY | 1 | FHA | BALBOA PARK | SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 40 |
| 186 | 3/14/2012 | PRESENTATION-MFC RESTOCK | MET W/ ON-SITE PM AND DELIVERED ADDITIONAL IN-UNIT BAGS FOR MOVE IN BASKETS | 2 | DPW RECYCLING | WINTERCREST VILLAGE | SAN DIEGO | LAKESIDE | TENANTS | 1 |
| 187 | 3/17/2012 | IPM WORKSHOP | MIRACOSTA GARDEN CLUB | 1 | FHA | MIRACOSTA COLLGE | CARLSBAD | CARLSBAD | GENERAL RESIDENTIAL/HOME GARDENERS | 30 |
| 188 | 3/19/2012 | COMMUNITY EVENT - TIRE AMNESTY DAY | VALLEY CENTER TIRE AMNESTY EVENT | 6 | DPW RECYCLING | VALLEY CENTER ELEMENTARY | SAN LUIS RAY WATERSHED | VALLEY CENTER | RESIDENTS | 139 |
| 189 | 3/20/2012 | COMMUNITY EVENT- BOOTH | ESCONDIDO FARMERS MARKET | 3.5 | FHA | GRAND AVENUE, ESCONDIDO | CARLSBAD | ESCONDIDO | GENERAL RESIDENTIAL/HOME GARDENERS | 500 |
| 190 | 3/21/2012 | KIOSK | WASTE STORAGE AND HANDLING | 24HRS KIOSK | PARKS & REC. | ESTRELLA | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 191 | 3/21/2012 | KIOSK | WASTE STORAGE, HANDLING AND DISPOSAL | 24HRS KIOSK | PARKS & REC. | EUCALYPTUS PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 192 | 3/21/2012 | KIOSK | WASTE STORAGE, HANDLING AND DISPOSAL | 24HRS KIOSK | PARKS & REC. | GOODLAND ACRES | SWEETWATER | COUNTY - SPRING VALLEY | GENERA PUBLIC | PARK USERS |
| 193 | 3/21/2012 | KIOSK | WASTE STORAGE, HANDLING AND DISPOSAL | 24HRS KIOSK | PARKS & REC. | ILDICA PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 194 | 3/21/2012 | KIOSK | WASTE STORAGE AND HANDLING | 24HRS KIOSK | PARKS & REC. | LAMAR PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 195 | 3/21/2012 | KIOSK | WASTE STORAGE AND HANDLING | 24HRS KIOSK | PARKS & REC. | LINCLON ACRES | SWEETWATER | NATIONAL CITY | GENERAL PUBLIC | PARK USERS |

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|-----|-----------|--|---|------------------|---------------|--------------------------------|---|---------------------------------|--|---------------------|
| 196 | 3/21/2012 | KIOSK | WASTE STORAGE AND HANDLING | 24HRS KIOSK | PARKS & REC. | SPRING VALLEY GYM | SAN DIEGO BAY | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 197 | 3/21/2012 | KIOSK | WASTE STORAGE AND HANDLING | 24HRS KIOSK | PARKS & REC. | SPRING VALLEY PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 198 | 3/21/2012 | PRESENTATION-MFC ON-SITE PM MEETING | METW/ ON-SITE PM, TOURED FACILITY, DISCUSSED R OPTIONS, BEST METHODS FOR | 1 | DPW RECYCLING | SWEETWATER APTS. | SWEETWATER | SPRING VALLEY | TENANTS | 2 |
| 199 | 3/21/2012 | KIOSK | WASTE STORAGE AND HANDLING | 24HRS KIOSK | PARKS & REC. | SWEETWATER LANE SPORTS COMPLEX | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 200 | 3/23/2012 | PRESENTATION | LOCAL WILDLIFE & ECOSYSTEM; POLLUTION PREVENTION | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 20 |
| 201 | 3/24/2012 | COMMUNITY EVENT-BOOTH | WATER SMART PLANT FAIR | 5 | FHA | EL CAJON HOME DEPOT | SAN DIEGO | EL CAJON | GENERAL RESIDENTIAL/HOME GARDENERS | 50 |
| 202 | 3/24/2012 | COMMUNITY EVENT BOOTH | THIS IS HOW WE LIVE HEALTH FAIR- LAKESIDE | 4 | DPW | LINDO LAKE PARK | SAN DIEGO RIVER | LAKESIDE | GENERAL PUBLIC, FAMILIES | 1,300 |
| 203 | 3/24/2012 | COMMUNITY EVENT - USED OIL OUTREACH | OIL FILTER EXCHANGE EVENTS | 4 | DPW RECYCLING | O'REILLY AUTO PART STORES | SWEETWATER WATERSHED; SAN DIEGO WATERSHED | SPRING VALLEY, LAKESIDE, RAMONA | RESIDENTS- DO IT YOURSELF OIL CHANGERS | 356 |
| 204 | 3/28/2012 | PRESENTATION-MFC PM MEETING | MET W/ PROPERTY MANAGER, WALKED COMPLEX, DISCUSSED R OPTIONS, BEST METHODS | 1 | DPW RECYCLING | BEL-MONDO HOA | SAN DIEGUITO | RANCHO SANTA FE | HOME OWNERS AND TENANTS | 1 |
| 205 | 3/29/2012 | PRESENTATION-COMMERCIAL INTRO MEETING | MET WITH MAIN SUPERVISOR TO INFORM OF PROGRAM. WALKABOUT | 1 | DPW RECYCLING | MT. MIGUEL COVENANT VILLAGE | SWEETWATER | SPRING VALLEY | FACILITY STAFF | 1 |
| 206 | 3/30/2012 | WORK PARTY | RESTORATION | 5HRS | DPR | STELZER | SAN DIEGO RIVER | COUNTY-LAKESIDE | AMERICORP | 7 |
| 207 | 3/30/2012 | PRESENTATION-MFC PM, BOARD MEMBER, MAINTENANCE MEETING | MET PM, ONE BOARD MEMBER, MAINTENANCE MAN TOURED LOCKED ENCLOSURES, MAIL AREA | 1 | DPW RECYCLING | SUNTERRA HOA | SAN DIEGO | EL CAJON | HOME OWNERS AND TENANTS | 3 |
| 208 | 3/31/2012 | WORKSHOP | COMPOSTING EDUCATION | 2 | DPW RECYCLING | FALLBROOK COMMUNITY CENTER | SAN LUIS REY | FALLBROOK | PUBLIC | 19 |

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|-----|-----------|---------------------------------|---|------------------|---------------|--|-----------------|-------------------|--|---------------------|
| 209 | 3/31/2012 | COMMUNITY EVENT BOOTH | WALK THE WATERSHED OTAY | 3 | WPP | FINNEY ELEMENTARY SCHOOL AND LOCAL WATERSHED | OTAY | SAN DIEGO | GENERAL PUBLIC | 250 |
| 210 | 3/31/2012 | COMMUNITY EVENT-BOOTH | CARLSBAD FLOWER FIELDS | 3 | FHA | FLOWER FIELDS, CARLSBAD | CARLSBAD | CARLSBAD | GENERAL RESIDENTIAL/HOME GARDENERS | 250 |
| 211 | 3/31/2012 | COMMUNITY EVENT-BOOTH | SAN DIEGO HORT. SOCIETY LA MESA BEAUTIFUL GARDEN TOUR | 3 | FHA | LA MESA | SAN DIEGO | LA MESA | GENERAL RESIDENTIAL/HOME GARDENERS | 150 |
| 212 | 3/31/2012 | COMMUNITY EVENT-BOOTH | WATER SMART PLANT FAIR | 5 | FHA | SAN MARCOS HOME DEPOT | CARLSBAD | SAN MARCOS | GENERAL RESIDENTIAL/HOME GARDENERS | 50 |
| 213 | 4/1/2012 | COMMUNITY EVENT BOOTH | EAST COUNTY EARTH DAY | 4 | DPW | MT. HELIX PARK | SWEETWATER | SWEETWATER | GENERAL PUBLIC, FAMILIES | 400 |
| 214 | 4/1/2012 | PRESS RELEASE | TOPIC: AB341 | 0 | DPW RECYCLING | | ALL | ALL | RESIDENTS | 0 |
| 215 | 4/1/2012 | PRESS RELEASE | TOPIC: TIRE AMENSTY | 0 | DPW RECYCLING | | ALL | ALL | RESIDENTS | 0 |
| 216 | 4/2/2012 | PRESENTATION-MFC D-T-D OUTREACH | D-T-D OUTREACH AND 20% OVERAGE PLUS BAGS FOR 5 OFFICES IN MANAGEMENT OFFICE ON- | 2.5 | DPW RECYCLING | BEL-MONDO HOA | SAN DIEGUITO | RANCHO SANTA FE | HOME OWNERS, TENTANTS, PROPERTY MANAGERS | 25 |
| 217 | 4/2/2012 | COMMUNITY EVENT | IT'S HOW WE LIVE | 5 HOURS | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | COMMUNITY | 300 |
| 218 | 4/2/2012 | PRESENTATION | SAN LUIS REY RIVER | 1 | DPR | WILDERNESS GARDENS PRESERVE | SAN LUIS REY | PALA | PARK VISITORS | 15 |
| 219 | 4/4/2012 | TALK | FLINN SPRINGS | 2 | P+R | FLINN SPRINGS | SAN DIEGO | EL CAJON | PUBLIC | 16 |
| 220 | 4/5/2012 | PRESENTATION-USED OIL RECYCLING | R1ESL PRESENTATION | 1.1 | DPW RECYCLING | MIRACOSTA COLLEGE COMMUNITY LEARNING CENTER | SAN DIEGUTO | CARDIFF | ESL | 20 |
| 221 | 4/7/2012 | COMMUNITY EVENT | INFORMATION SESSION FOR OAK TREE DEATH; GOLD-SPOTTED OAK BORER AND PATHOGEN ID: | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | GENERAL PUBLIC | 18 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|------------------------------------|--|------------------|---------------|--------------------------|----------------------|-------------------|------------------------------------|---------------------|
| 222 | 4/9/2012 | PICK UP | LITTER | 5 MIN. | DPR | DAMON LANE | SWEETWATER | VALLE DEL ORO | PARK VISITOR | 1 |
| 223 | 4/9/2012 | PICK UP | LITTER | 5 MIN. | DPR | DEL PARQUE | SWEETWATER | SPRING VALLEY | PARK VISITOR | 1 |
| 224 | 4/9/2012 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 225 | 4/9/2012 | WEED REMOVAL PROJECT | CHAPARRAL LANDS CONSERVANCY VOLUNTEERS | 3 | P&R | OVRP | OTAY | SAN DIEGO | NEIGHBORHORS OF PROCTOR VSLEY | 30 |
| 226 | 4/9/2012 | PICK UP | LITTER | 30MIN. | DPR | STEELE CANYON | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 227 | 4/9/2012 | PICK UP | LITTER | 5 MIN. | DPR | WIND RIVER COTTONWOOD I | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 228 | 4/9/2012 | PICK UP | LITTER | 5 MIN. | DPR | WOOD HAVEN COTTONWOOD II | SWEETWATER | VALLE DE ORO | PARK VISITOR | 1 |
| 229 | 4/10/2012 | TALK | TRASH CLEANUP | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 1 |
| 230 | 4/10/2012 | AG WATER SCHOOL | GENERAL AG WATER QUALITY | 2 | UCCE/D AWM | SD FARM BUREAU | CARLSBAD | CITY OF ESCONDIDO | AG PRODUCERS, LAND & TURF MANAGERS | 10 |
| 231 | 4/11/2012 | WATERSHED ACTV | USE OF DOG WASTE BAGS | 5 HRS. | DPR | PINE VALLEY PARK | TIJAUNA RIVER | PINE VALLEY | ADULT | 2 |
| 232 | 4/13/2012 | WORK PARTY | TRAIL CLEAN UP | 5HRS | DPR | EL CAPITAN | SAN DIEGO RIVER | COUNTY- LAKESIDE | AMERICORP | 7 |
| 233 | 4/14/2012 | COMMUNITY EVENT - TIRE AMNESTY DAY | ALPINE TIRE AMNESTY EVENT | 6 | DPW RECYCLING | ALBERTSON'S IN ALPINE | SWEETWATER WATERSHED | ALPINE | RESIDENTS | 73 |
| 234 | 4/14/2012 | FIELDTRIP | USE WATER RESPONSIBLY | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 8 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|---------------------------------|--|------------------|---------------|---|----------------------|-------------------|-------------------------------------|---------------------|
| 235 | 4/15/2012 | COMMUNITY EVENT BOOTH | AVOCADO FESTIVAL | 6 | DPW | MISSION AVE. FALLBROOK | SAN LUIS REY | FALLBROOK | GENERAL PUBLIC, FAMILIES | 70,000 |
| 236 | 4/16/2012 | PRESENTATION | SAN LUIS REY RIVER | 1 | DPR | SAN LUIS REY RIVER PARK | SAN LUIS REY | BONSALL | PARK VISITORS | 15 |
| 237 | 4/16/2012 | PRESENTATION | TEACHER TRAINING DISCOVERY KIT PROGRAM | 2HRS | DPR | STELZER | SAN DIEGO RIVER | COUNTY-LAKESIDE | ADULTS | 1 |
| 238 | 4/17/2012 | COMMUNITY EVENT | STAFF BOOTH AT APARTMENT EXPO | 7.5 | DPW RECYCLING | CONVENTION CENTER | ALL | ALL | PROPERTY MANAGER | 100 |
| 239 | 4/17/2012 | COMMUNITY EVENT BOOTH | SAN DIEGO COUNTY APARTMENT ASSOCIATION EDUCATIONAL CONFERENCE AND EXPO | 6 | DPW | SAN DIEGO CONVENTION CENTER | SAN DIEGO BAY | CITY OF SAN DIEGO | COMMERCIAL-PROPERTY MANAGERS/OWNERS | 1,500 |
| 240 | 4/18/2012 | PRESENTATION-USED OIL RECYCLING | R1ESL PRESENTATION | 1.25 | DPW RECYCLING | AVONDALE ELEMENTARY ADULT ESL | SWEETWATER WATERSHED | LA PRESA | ESL | 30 |
| 241 | 4/19/2012 | PRESENTATION-USED OIL RECYCLING | R1ESL PRESENTATION | 1 | DPW RECYCLING | EL CAJON ADULT SCHOOL | SAN DIEGO WATERSHED | EL CAJON | ESL | 30 |
| 242 | 4/19/2012 | PRESENTATION-USED OIL RECYCLING | R1ESL PRESENTATION | 1 | DPW RECYCLING | EL CAJON ADULT SCHOOL | SAN DIEGO WATERSHED | EL CAJON | ESL | 36 |
| 243 | 4/20/2012 | WORK PARTY | TRAIL CLEAN UP | 5HRS | DPR | EL CAPITAN | SAN DIEGO RIVER | COUNTY-LAKESIDE | AMERICORP | 7 |
| 244 | 4/23/2012 | PRESENTATION-MFC PM MEETING | DROPPED OFF BINS | 0.25 | DPW RECYCLING | PERMISSION VILLAS | SAN DIEGO | EL CAJON | HOME OWNERS AND TENANTS | 1 |
| 245 | 4/23/2012 | PRESENTATION-MFC PM MEETING | DROPPED OFF BINS | 0.25 | DPW RECYCLING | SUNDANCE APARTMENTS | SAN DIEGO | EL CAJON | HOME OWNERS AND TENANTS | 1 |
| 246 | 4/28/2012 | GARDENING WORKSHOP | PERMEABLE PAVEMENT WORKSHOP | 1 | DPW | THE WATER CONSERVATION GARDEN | SWEETWATER | RANCHO SAN DIEGO | RESIDENTIAL - GARDENERS | 20 |
| 247 | 4/28/2012 | COMMUNITY EVENT | COMPOSTING BOOTH AT THE EVENT | 6 | DPW RECYCLING | WATER CONSERVATION GARDEN SPRING FESTIVAL | SWEET WATER | RANCHO SAN DIEGO | PUBLIC | 300 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|-------------------------------------|---|------------------|---------------|---------------------------|--|--|--|---------------------|
| 248 | 4/30/2012 | RIVER BED CLEANUP | ILACSD | 8 | DPR | CACTUS | SAN DIEGO RIVER | COUNTY-LAKESIDE | COMMUNITY | 20 |
| 249 | 5/1/2012 | TALK | DOGGIE BAG HANDOUT | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | PARK VISITORS | 2 |
| 250 | 5/3/2012 | PICNIC | USE WATER RESPONSIBLY | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | PARK PATRONS | 3 |
| 251 | 5/4/2012 | OTHER- PM MEETING | OUTREACH PLANNING FOR SUNTERRA & HIDDEN VALLEY, DELIVER 8 METAL ENCLOSURE SIGNS | 1 | DPW RECYCLING | NNJ OFFICE | SWEETWATER & SAN DIEGO | MIRA MESA (FOR ONE PROPERTY IN EL CAJON, ONE IN SPRING VALLEY) | MFC- PM | 1 |
| 252 | 5/5/2012 | WATERSHED ACTIVITY | FIRE UP PROGRAM; FIREFIGHTERS ON FIRE SAFETY AND POTENTIAL DANGER TO ECOSYSTEM | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 60 |
| 253 | 5/9/2012 | OTHER- PM MEETING | VISUAL WASTE AUDIT, MEET W/ 3 ON-SITE PM'S , DISCUSS OUTREACH PLAN | 1.5 | DPW RECYCLING | PARK BONITA | SWEETWATER | BONITA | MFC- PM | 3 |
| 254 | 5/9/2012 | OTHER- PM MEETING | DELIVER SIGNED PLEDGES, ADDITIONAL IN-UNIT BAGS, DISCUSS PROGRAM AND HOW TO | 0.75 | DPW RECYCLING | SWEETWATER APTS. | SWEETWATER | SPRING VALLEY | MFC- PM | 1 |
| 255 | 5/11/2012 | ASSEMBLY | PLEASE USE DOGGIE BAG. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 5 |
| 256 | 5/11/2012 | OTHER- PM MEETING | DELIVER 35 GALLON R CART FOR HIDDEN V. | 0.75 | DPW RECYCLING | NNJ OFFICE | SWEETWATER | MIRA MESA,(FOR ONE PROPERTY IN SV) | MFC- PM | 1 |
| 257 | 5/11/2012 | PRESENTATION | WATERSHED AWARENESS | 1 | DPR | RAINBOW PARK | SAN LUIS REY | RAINBOW | PARK VISITORS | 30 |
| 258 | 5/12/2012 | WORK PARTY | RESTORATION | 3HRS | DPR | EL CAPITAN | SAN DIEGO RIVER | COUNTY-LAKESIDE | AMERICORP | 7 |
| 259 | 5/12/2012 | COMMUNITY EVENT - USED OIL OUTREACH | OIL FILTER EXCHANGE EVENTS | 4 | DPW RECYCLING | O'REILLY AUTO PART STORES | SAN LOUIS REY, SWEETWATER WATERSHED; SAN DIEGO | FALLBROOK, SPRING VALLEY, LAKESIDE, RAMONA | RESIDENTS- DO IT YOURSELF OIL CHANGERS | 362 |
| 260 | 5/12/2012 | WORKSHOP | COMPOSTING EDUCATION | 2 | DPW RECYCLING | WATER CONSERVATION GARDEN | SWEET WATER | RANCHO SAN DIEGO | PUBLIC | 20 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------------|--|------------------|---------------|--|------------------------|-------------------------------|---------------------------------|---------------------|
| 261 | 5/15/2012 | OTHER- PM MEETING | CHECK FOR R INSTALLATION AND SIGNAGE | 0.5 | DPW RECYCLING | BEL-MONDO HOA | ESCONDIDO CREEK | RANCHO SANTA FE | MFC | 2 |
| 262 | 5/16/2012 | PRESENTATION | D-T-D OUTREACH FOR RESIDENTS | 2.5 | DPW RECYCLING | HIDDEN VALLEY | SWEETWATER | SPRING VALLEY | MFC- RESIDENTS | 40 |
| 263 | 5/16/2012 | GARDENING WORKSHOP | HOW TO HIRE A LANDSCAPE PROFESSIONAL AND SAVE MONEY | 2 | DPW | LAKE SAN MARCOS | CARLSBAD | LAKE SAN MARCOS | RESIDENTIAL - GARDENERS | 46 |
| 264 | 5/18/2012 | TALK | DOGGIE BAG HANDOUT | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 1 |
| 265 | 5/18/2012 | OTHER- PM MEETING | INITIAL MEETING | 1.25 | DPW RECYCLING | MENAS REALTY OFFICE | SWEETWATER | PACIFIC B. FOR PROPERTY IN SV | MFC- PM | 1 |
| 266 | 5/18/2012 | COMMUNITY EVENT | RODEO OUTREACH BOOTH - COMPOSTING, RECYCLING. HHW, AND STORMWATER | 3 | DPW RECYCLING | RAMONA RODEO | SAN DIEGUITO WATERSHED | RAMONA | HORSE OWNERS AND GENERAL PUBLIC | 25 |
| 267 | 5/19/2012 | COMMUNITY EVENT | RODEO OUTREACH BOOTH - COMPOSTING, RECYCLING. HHW, AND STORMWATER | 4.5 | DPW RECYCLING | RAMONA RODEO | SAN DIEGUITO WATERSHED | RAMONA | HORSE OWNERS AND GENERAL PUBLIC | 25 |
| 268 | 5/20/2012 | COMMUNITY EVENT | RODEO OUTREACH BOOTH - COMPOSTING, RECYCLING. HHW, AND STORMWATER | 5 | DPW RECYCLING | RAMONA RODEO | SAN DIEGUITO WATERSHED | RAMONA | HORSE OWNERS AND GENERAL PUBLIC | 150 |
| 269 | 5/21/2012 | HIKE | FELICITA CREEK/SAN DIEGUITO WATERSHED | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | PARK VISITORS | 40 |
| 270 | 5/22/2012 | PRESENTATION | MANAGERS TRAINING AND EQUIPMENT PLACEMENT | 0.5 | DPW RECYCLING | BRIGHTON PLACE SPRING VALLEY | SWEETWATER | SPRING VALLEY | SUPERVISORS | 15 |
| 271 | 5/22/2012 | OTHER- PM MEETING | DROP OFF IN-UNIT BAGS | 1 | DPW RECYCLING | LAMAR GARDEN TOWNHOMES | SWEETWATER | SPRING VALLEY | MFC- PM, NEW TENANTS | 1 |
| 272 | 5/22/2012 | PRESENTATION | PROPERTY MANAGER TRAINING ON RECYCLING ORDINANCE REQUIREMENTS AND BEST | 1 | DPW RECYCLING | SAN DIEGO COUNTY APARTMENT ASSOCIATION | SAN DIEGO | SAN DIEGO | MFC- PM | 6 |
| 273 | 5/23/2012 | PRESENTATION | MANAGERS TRAINING AND EQUIPMENT PLACEMENT | 0.5 | DPW RECYCLING | BRIGHTON PLACE EAST | SWEETWATER | SPRING VALLEY | SUPERVISORS | 15 |

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|-----|-----------|--|--|------------------|----------------------|---------------------------------|---------------------------|-------------------|--|---------------------|
| 274 | 5/23/2012 | PRESENTATION- USED OIL RECYCLING | R1ESL PRESENTATION | 1 | DPW RECYC LING | EL CAJON ADULT SCHOOL | SAN DIEGO WATERSHED | EL CAJON | ESL | 32 |
| 275 | 5/23/2012 | PICK UP | LITTER CLEAN UP | 5 MIN. | DPR | HILLSDALE | SWEETWATER | VALLE DEL ORO | PARK VISITOR | 1 |
| 276 | 5/23/2012 | TALK | USE OF DOG WASTE BAGS | 5 MIN. | DPR | LONNIE BREWER | SWEETWATER | VALLE DE ORO | PARK VISITOR | 2 |
| 277 | 5/23/2012 | PRESENTATION | D-T-D OUTREACH FOR RESIDENTS | 3 | DPW RECYC LING | PARK BONITA | SWEETWATER | BONITA | MFC- RESIDENTS | 64 |
| 278 | 5/25/2012 | PRESENTATION | STAFF TRAINING | 0.5 | DPW RECYC LING | BRIGHTON PLACE SPRING VALLEY | SWEETWATER | SPRING VALLEY | STAFF | 30 |
| 279 | 5/25/2012 | MAIL OUT | BEST PRACTICES GUIDE AND COMPOST AND MULCH GUIDE WITH COVER LETTER SENT TO | 0 | DPW RECYC LING | UNINCORPORATED LANDSCAPERS | ALL | ALL | LANDSCAPERS AND TREE TRIMMERS | 175 |
| 280 | 5/26/2012 | WORKSHOP | MANURE COMPOSTING WORKSHOP FOR HORSE OWNERS | 2 | DPW | SOUTH STAGECOACH LANE | SAN LUIS REY | FALLBROOK | RESIDENTIAL - HORSE OWNERS | 64 |
| 281 | 5/26/2012 | PRESENTATION | INTERPRETIVE PROGRAM; IMPACT OF POLLUTION ON WILDLIFE & ECO-SYSTEM; LIVE ANIMAL | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 145 |
| 282 | 5/27/2012 | WATERSHED ACTV | LITTERING, TRASH CLEAN UP | 10 MIN. | DPR | PINE VALLEY PARK | TIJAUNA RIVER | PINE VALLEY | PARK VISITORS | 2 |
| 283 | 5/27/2012 | COMMUNITY EVENT - USED OIL OUTREACH | FALLBROOK VINTAGE CAR SHOW | 8 | DPW RECYC LING | POTTER JR HIGH | SAN LUIS RAY WATERSHED | FALLBROOK | RESIDENTS- DO IT YOURSELF OIL CHANGERS | 120 |
| 284 | 5/28/2012 | PICK UP | LITTER | 5 MIN. | DPR | DEL PARQUE | SWEETWATER | SPRING VALLEY | PARK VISITOR | 1 |
| 285 | 5/28/2012 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DEL ORO | PARK VISITOR | 1 |
| 286 | 5/28/2012 | PICK UP | LITTER | 30MIN. | DPR | STEELE CANYON | SWEETWATER | VALLE DEL ORO | PARK VISITOR | 1 |

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|-----|-----------|--------------|---|------------------|---------------|--------------------------------|---------------------|-------------------|----------------------------|---------------------|
| 287 | 5/28/2012 | PICK UP | LITTER | 5 MIN. | DPR | WIND RIVER COTTONWOOD I | SWEETWATER | VALLE DEL ORO | PARK VISITOR | 1 |
| 288 | 5/28/2012 | PICK UP | LITTER | 5 MIN. | DPR | WOOD HAVEN COTTONWOOD II | SWEETWATER | VALLE DEL ORO | PARK VISITOR | 1 |
| 289 | 5/29/2012 | OTHER | INTRO MEETING AND INTERVIEWS. MET WITH PM AND OWENER. INTERVIEWED TENANT | 2 | DPW RECYCLING | BONSALL VILLAGE CENTER | SAN LUIS REY | BONSALL | TENANTS | 6 |
| 290 | 5/29/2012 | OTHER | INTRO MEETING AND INTERVIEWS: INTERVIEWED TENANT BUSINESSES FOR | 1.5 | DPW RECYCLING | FALLBROOK MERCANTILE | SAN LUIS REY | FALLBROOK | TENANTS | 6 |
| 291 | 5/29/2012 | PICK UP | LITTER | 30MIN. | DPR | HILTON HEAD | SWEETWATER | VALLE DEL ORO | PARK VISITOR | 2 |
| 292 | 5/30/2012 | OTHER | MEETING: MET WITH JANITOR AND TOURED TRASH/RECYCLING | 3.5 | DPW RECYCLING | MT. MIGUEL COVENANT VILLAGE | SWEETWATER | SPRING VALLEY | FACILITY STAFF | 1 |
| 293 | 5/30/2012 | PRESENTATION | D-T-D OUTREACH FOR RESIDENTS | 3 | DPW RECYCLING | PARK BONITA | SWEETWATER | BONITA | MFC- RESIDENTS | 56 |
| 294 | 5/31/2012 | DISCUSSION | PLEASE PICK UP DOG POO | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 2 |
| 295 | 5/31/2012 | MEETING | MEETING: MET WITH RESIDENTS COMMITTEE TO DEVELOP ACTION PLAN AND FEEDBACK | 1 | DPW RECYCLING | MT. MIGUEL COVENANT VILLAGE | SWEETWATER | SPRING VALLEY | RESIDENTS | 4 |
| 296 | 5/31/2012 | PRESENTATION | D-T-D OUTREACH FOR RESIDENTS | 2 | DPW RECYCLING | SUNTERRA HOA | SAN DIEGO | EL CAJON | MFC- RESIDENTS | 50 |
| 297 | 6/1/2012 | PRESENTATION | MANAGERS/STAFF TRAINING. DELIVERED AND PLACED EQUIPMENTS | 2.5 | DPW RECYCLING | BOYS & GIRLS CLUB | SAN LUIS REY | FALLBROOK | MANAGERS/STAFF | 6 |
| 298 | 6/1/2012 | MAIL OUT | CLEAN WATER BEGINS AT HOME BILL INSERT | 0 | WPP | SWEETWATER/OTAY WATER DISTRICT | SWEETWATER AND OTAY | MULTIPLE | GENERAL PUBLIC | 40,000 |
| 299 | 6/2/2012 | WORKSHOP | EQUESTRIAN PROPERTY BMP WORKSHOP FOR HORSE OWNERS | 2 | DPW | FAUBUS FARMS | SAN LUIS REY | BONSALL | RESIDENTIAL - HORSE OWNERS | 15 |

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|-----|-----------|-------------------------------------|--|------------------|---------------|-------------------------------|---------------------|-------------------|--------------------------|---------------------|
| 300 | 6/2/2012 | GARDENING WORKSHOP | PERMEABLE PAVEMENT AND GREEN ROOFS | 2 | DPW | THE WATER CONSERVATION GARDEN | SWEETWATER | RANCHO SAN DIEGO | RESIDENTIAL - GARDENERS | 7 |
| 301 | 6/2/2012 | COMMUNITY EVENT - VOLUNTEER CLEANUP | VOLUNTEER CLEANUP | 3 | DPW RECYCLING | TIJUANA RIVER VALLEY | TIJUANA | SAN DIEGO | RESIDENTS | 45 |
| 302 | 6/2/2012 | HIKE | OBSERVE FOREST RECOVERY PROCESS FROM CEDAR FIRE; WATERSHED AWARENESS | 1.5 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 24 |
| 303 | 6/4/2012 | NATURE HIKE | PLANTS, ANIMAL, TRASH/STORMWATER | 2 HRS. | DPR | LAKE MORENA | TJ RIVER | MT. EMPIRE | VISTORS | 25 |
| 304 | 6/4/2012 | WATERSHED ACTV | USE OF DOG WASTE BAGS,STATION LOCATION | 15 MIN. | DPR | PINE VALLEY PARK | TIJAUNA RIVER | PINE VALLEY | ADULT | 1 |
| 305 | 6/5/2012 | PRESENTATION- USED OIL RECYCLING | R1ESL PRESENTATION | 1 | DPW RECYCLING | LINDA VISTA ADULT ESL | SAN DIEGO WATERSHED | SAN DIEGO | ESL | 24 |
| 306 | 6/6/2012 | PRESENTATION- MFC | PM MEETING | 1 | DPW RECYCLING | LAKEVIEW HOA | SAN DIEGO WATERSHED | LAKEVIEW HOA | PM | 3 |
| 307 | 6/7/2012 | OTHER - TIRE CLEANUP | TIRE COLLECTION WORK DAY | 8 | DPW RECYCLING | TIJUANA RIVER VALLEY | TIJUANA | SAN DIEGO | EVENT | 0 |
| 308 | 6/8/2012 | COMMUNITY EVENT | STAFF BOOTH AT FILIPINO FAIR | 3 | DPW RECYCLING | CAC DOWNTOWN | PUEBLO WATERSHED | SAN DIEGO | RESIDENTS | 30 |
| 309 | 6/9/2012 | WORKSHOP | COMPOSTING EDUCATION | 2 | DPW RECYCLING | FALLBROOK COMMUNITY CENTER | SWEETWATER | SPRING VALLEY | PUBLIC | 14 |
| 310 | 6/9/2012 | GARDENING WORKSHOP | TUNE UP YOUR IRRIGATION SYSTEM AND DIVE INTO DRIP | 2 | DPW | THE WATER CONSERVATION GARDEN | SWEETWATER | RANCHO SAN DIEGO | RESIDENTIAL - GARDENERS | 22 |
| 311 | 6/11/2012 | HIKE | FELICITA CREEK/SAN DIEGUITO WATERSHED | 1 | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | PARK VISITORS | 90 |
| 312 | 6/12/2012 | TALK | PLEASE PICK UP TRASH | 0.15 | DPR | LINDO | SAN DIEGO RIVER | COUNTY- LAKESIDE | PARK VISITORS | 1 |

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|-----|-----------|----------------------|---|------------------|---------------|---------------------------------|-----------------------|-------------------|--------------------------|---------------------|
| 313 | 6/12/2012 | SPECIAL EVENT | GUAJOME CREEK/SAN LUIS REY WATERSHED | 1 | DPR | RANCHO GUAJOME ADOBE | SAN LUIS REY | VISTA | PARK VISITORS | 87 |
| 314 | 6/13/2012 | OTHER | SITE VISIT TO FOLLOW UP ON RECYCLING PROGRAM | 0.25 | DPW RECYCLING | BONSALL VILLAGE CENTER | SAN LUIS REY | BONSALL | FACILITY STAFF | 2 |
| 315 | 6/13/2012 | OTHER | DROP OFF EQUIPMENT | 0.5 | DPW RECYCLING | BOYS & GIRLS CLUB | SAN LUIS REY | FALLBROOK | FACILITY STAFF | 1 |
| 316 | 6/13/2012 | OTHER | MEETING AND TOUR OF RESORT AND RECYCLING AUDIT | 2.5 | DPW RECYCLING | PALA MESA RESORT | SAN LUIS REY | FALLBROOK | FACILITY STAFF | 5 |
| 317 | 6/14/2012 | PRESENTATION- MFC | D-T-D OUTREACH | 2 | DPW RECYCLING | PARK BONITA | SWEETWATER WATERSHED | BONITA | RESIDENTS | 18 |
| 318 | 6/14/2012 | PRESENTATION | D-T-D OUTREACH FOR RESIDENTS | 3 | DPW RECYCLING | PARK BONITA | SWEETWATER WATERSHED | BONITA | MFC- RESIDENTS | 20 |
| 319 | 6/14/2012 | OTHER - TIRE CLEANUP | TIRE COLLECTION WORK DAY | 8 | DPW RECYCLING | TIJUANA RIVER VALLEY | TIJUANA | SAN DIEGO | EVENT | 0 |
| 320 | 6/15/2012 | OTHER | MEETING: MET WITH DINING AND HEALTH CARE STAFF | 2 | DPW RECYCLING | MT. MIGUEL COVENANT VILLAGE | SWEETWATER | SPRING VALLEY | MANAGERS/STAFF | 5 |
| 321 | 6/15/2012 | PRESENTATION- MFC | NNJ LUNCH AND LEARN | 1 | DPW RECYCLING | NNJ PROPERTY MANAGEMENT COMPANY | PENASQUITOS WATERSHED | MIRA MESA | PMS | 35 |
| 322 | 6/16/2012 | PRESENTATION | GSOB INFORMATION; LOCAL HISTORY; WATERSHED AWARENESS | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 50 |
| 323 | 6/16/2012 | PRESENTATION | INTERPRETIVE PROGRAM; IMPACT OF POLLUTION ON WILDLIFE & ECO-SYSTEM; LIVE ANIMAL | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 160 |
| 324 | 6/18/2012 | FIELDTRIP | RESPONSIBILITY FOR ONES LITTER. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 20 |
| 325 | 6/18/2012 | NATURE HIKE | PLANTS, ANIMAL, TRASH/STORMWATER | 2 HRS. | DPR | LAKE MORENA | TJ RIVER | MT. EMPIRE | VISTORS | 20 |

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|-----|-----------|-------------------------------------|--|------------------|----------------|--|------------------------|-------------------|------------------------------|---------------------|
| 326 | 6/19/2012 | PRESENTATION- MFC | PM MEETING | 2 | DPW RECYC LING | CAJON MOBILE MANOR | SAN DIEGO WATERSHED | EL CAJON | PM | 5 |
| 327 | 6/19/2012 | OTHER | SITE VISIT: VIEWED FOOD AND GREEN MATERIALS DISPOSAL | 1 | DPW RECYC LING | PALA MESA RESORT | SAN LUIS REY | FALLBROOK | FACILITY STAFF | 1 |
| 328 | 6/19/2012 | OTHER - TIRE CLEANUP | TIRE SCOOP UP | 4 | DPW RECYC LING | TIJUANA RIVER VALLEY | TIJUANA | SAN DIEGO | EVENT CLEANUP | 0 |
| 329 | 6/19/2012 | OTHER | SITE VISIT: VIEWED FOOD AND GREEN MATERIALS DISPOSAL | 0.5 | DPW RECYC LING | WELK RESORT | SAN LUIS REY | ESCONDIDO | COMM | 2 |
| 330 | 6/22/2012 | PRESENTATION- MFC | PM MEETING | 1 | DPW RECYC LING | KNOLLS HOA | SAN DIEGO WATERSHED | MISSION GORGE | PM | 1 |
| 331 | 6/23/2012 | COMMUNITY EVENT | COMPOSTING BOOTH AT THE EVENT | 6 | DPW RECYC LING | ENVIROFAIR AT THE SAN DIEGO COUNTY FAIR (SAN DIEGO COUNTY FAIR | SAN DIEGUITO | SAN DIEGO | PUBLIC | 250 |
| 332 | 6/23/2012 | COMMUNITY EVENT - VOLUNTEER CLEANUP | VOLUNTEER CLEANUP | 3 | DPW RECYC LING | TIJUANA RIVER VALLEY | TIJUANA | SAN DIEGO | RESIDENTS | 160 |
| 333 | 6/23/2012 | COMMUNITY EVENT | TRAIL MAINTENANCE; WATERSHED AWARENESS | 3 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | PARK VISITORS/GENERAL PUBLIC | 18 |
| 334 | 6/26/2012 | FIELDTRIP | USE WATER RESPONSIBLY | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | FAMILY | 25 |
| 335 | 6/26/2012 | OTHER - TIRE CLEANUP | TIRE SCOOP UP | 4 | DPW RECYC LING | TIJUANA RIVER VALLEY | TIJUANA | SAN DIEGO | EVENT | 0 |
| 336 | 6/27/2012 | PRESENTATION- MFC | PM MEETING | 1 | DPW RECYC LING | VILLAGE @ RANCHO SD | SWEETWATER WATERSHED | RANCHO SAN DIEGO | PM | 2 |
| 337 | 6/27/2012 | OTHER - TIRE CLEANUP | TIRE SCOOP UP | 4 | DPW RECYC LING | TIJUANA RIVER VALLEY | TIJUANA | SAN DIEGO | EVENT | 0 |
| 338 | 6/28/2012 | PRESENTATION- MFC | PM MEETING | 1.5 | DPW RECYC LING | RAMONA TERRACE ESTATES | SAN DIEGUITO WATERSHED | RAMONA | PM | 1 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|--------------------|--|------------------|---------------|--|---------------------|------------------------|--------------------------|---------------------|
| 339 | 6/29/2012 | PICNIC | PLEASE USE DOGGIE BAG. | MIN: 15 | DPR | EL MONTE | SAN DIEGO RIVER | LAKESIDE | PARK PATRONS | 1 |
| 340 | 6/30/2012 | KIOSK | ADDITIONAL SOURCE REDUCTION METHODS | 24HRS KIOSK | PARKS & REC. | ESTRELLA | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 341 | 6/30/2012 | KIOSK | ADDITIONAL SOURCE REDUCTION METHODS | 24HRS KIOSK | PARKS & REC. | EUCALYPTUS PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 342 | 6/30/2012 | WORKSHOP | COMPOSTING EDUCATION | 2 | DPW RECYCLING | FALLBROOK RECYCLING AND TRANSFER STATION | SANTA MARGARITA | FALLBROOK | PUBLIC | 10 |
| 343 | 6/30/2012 | KIOSK | ADDITIONAL SOURCE REDUCTION METHODS | 24HRS KIOSK | PARKS & REC. | GOODLAND ACRES | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 344 | 6/30/2012 | KIOSK | ADDITIONAL SOURCE REDUCTION METHODS | 24HRS KIOSK | PARKS & REC. | ILDICA PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 345 | 6/30/2012 | KIOSK | ADDITIONAL SOURCE REDUCTION METHODS | 24HRS KIOSK | PARKS & REC. | LAMAR PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 346 | 6/30/2012 | KIOSK | ADDITIONAL SOURCE REDUCTION METHODS | 24HRS KIOSK | PARKS & REC. | LINCLON ACRES | SWEETWATER | NATIONAL CITY | GENERAL PUBLIC | PARK USERS |
| 347 | 6/30/2012 | COMMUNITY EVENT | STAFF BOOTH AT SOCCER GAME | 7 | DPW RECYCLING | QUALCOMM | SAN DIEGO WATERSHED | SAN DIEGO | RESIDENTS | 5,000 |
| 348 | 6/30/2012 | KIOSK | ADDITIONAL SOURCE REDUCTION METHODS | 24HRS KIOSK | PARKS & REC. | SPRING VALLEY GYM | SAN DIEGO BAY | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 349 | 6/30/2012 | KIOSK | ADDITIONAL SOURCE REDUCTION METHODS | 24HRS KIOSK | PARKS & REC. | SPRING VALLEY PARK | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 350 | 6/30/2012 | KIOSK | ADDITIONAL SOURCE REDUCTION METHODS | 24HRS KIOSK | PARKS & REC. | SWEETWATER LANE SPORTS COMPLEX | SWEETWATER | COUNTY - SPRING VALLEY | GENERAL PUBLIC | PARK USERS |
| 351 | 6/30/2012 | WATERSHED ACTIVITY | FIRE UP PROGRAM; FIREFIGHTERS ON FIRE SAFETY AND POTENTIAL DANGER TO ECOSYSTEM | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 43 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------|---------------------------------|---|------------------|---------------|-------------------------------|----------------------|-------------------|------------------------------|---------------------|
| 352 | 7/2/2012 | PRESENTATION | INTERPRETIVE PROGRAM; IMPACT OF POLLUTION ON WILDLIFE & ECO-SYSTEM; LIVE ANIMAL | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 160 |
| 353 | 7/17/2012 | COMMUNITY EVENT | WORKSHOP FOR OAK TREE DEATH; GOLD-SPOTTED OAK BORER AND PATHOGEN | 3 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | PARK VISITORS/GENERAL PUBLIC | 28 |
| 354 | 7/23/2012 | PRESENTATION | INTERPRETIVE PROGRAM; IMPACT OF POLLUTION ON WILDLIFE & ECO-SYSTEM; LIVE ANIMAL | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 190 |
| 355 | 8/4/2012 | PRESENTATION | LOCAL WILDLIFE & ECO-SYSTEM; POLLUTION PREVENTION | 1.5 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 45 |
| 356 | 8/13/2012 | PRESENTATION | INTERPRETIVE PROGRAM; IMPACT OF POLLUTION ON WILDLIFE & ECO-SYSTEM; LIVE ANIMAL | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 180 |
| 357 | 8/20/2012 | PRESENTATION | INTERPRETIVE PROGRAM; NOCTURNAL ANIMALS & ECO-SYSTEM; IMPACT OF POLLUTION ON WILDLIFE & | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 80 |
| 358 | 9/2/2012 | PICK UP | LITTER | 5 MIN. | DPR | DAMON LANE | SWEETWATER | VALLE DEL ORO | PARK VISITOR | 1 |
| 359 | 9/3/2012 | PRESENTATION | INTERPRETIVE PROGRAM; IMPACT OF POLLUTION ON WILDLIFE & ECO-SYSTEM; LIVE ANIMAL | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 175 |
| 360 | 9/17/2012 | PRESENTATION | "A DAY AS A RANGER"; ECO-SYSTEM; POLLUTION PREVENTION | 1.5 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 22 |
| 361 | 9/23/2012 | PRESENTATION | FLORA & FAUNA DISCOVERY; ECO-SYSTEM; POLLUTION PREVENTION | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 28 |
| 362 | 9/24/2012 | PRESENTATION | INTERPRETIVE PROGRAM; IMPACT OF POLLUTION ON WILDLIFE & ECO-SYSTEM; LIVE ANIMAL | 1 | DPR | WILLIAM HEISE | SAN DIEGO | JULIAN | CAMPERS | 110 |
| 363 | 10/6/2012 | PICK UP | LITTER | 5 MIN. | DPR | DAMON LANE | SWEETWATER | VALLE DEL ORO | PARK VISITOR | 1 |
| 364 | 1/25/2012 | PRESENTATION-USED OIL RECYCLING | R1ESL PRESENTATION | 1.25 | DPW RECYCLING | LA PRESA ELEMENTARY ADULT ESL | SWEETWATER WATERSHED | SPRING VALLEY | ESL | 22 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|-----------------|-------------------------------------|---------------------------------------|------------------|------------------|---------------------------------------|--------------------|-------------------|------------------------------------|---------------------|
| 365 | 2/15/2012 | PRESENTATION- USED OIL RECYCLING | R1ESL PRESENTATION | 1 | DPW RECYCLING | PALOMAR COLLEGE | CARLSBAD WATERSHED | SAN MARCOS | ESL | 20 |
| 366 | 1/7-8/12 | COMMUNITY EVENT- BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 150 |
| 367 | 10/1-2/11 | COMMUNITY EVENT- BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 150 |
| 368 | 11/28/2011 | PRESENTATION | THE LAKE AND STORMWATER | 0.3 | DPR | LINDO | SAN DIEGO RIVER | COUNTY-LAKESIDE | FAMILY | 9 |
| 369 | 11/23//11 | WATERSHED ACTV | USE OF DOG WASTE BAGS | 10 MIN. | DPR | PINE VALLEY PARK | TIJAUNA RIVER | PINE VALLEY | ADULT | 1 |
| 370 | 11/5-6/2011 | COMMUNITY EVENT- BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 150 |
| 371 | 2/13/11-3/15/11 | CALENDAR DISTRIBUTION | THINK BLUE SAN DIEGO REGION CALENDARS | 0 | WPP | COUNTY FACILITIES | MULTIPLE | MULTIPLE | COUNTY EMPLOYEES | 2,500 |
| 372 | 12/3-4/11 | COMMUNITY EVENT- BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 150 |
| 373 | 2/4-5/12 | COMMUNITY EVENT- BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 150 |
| 374 | 3/2-4/12 | COMMUNITY EVENT- BOOTH | SPRING HOME AND GARDEN SHOW | 22 | FHA | DEL MAR FAIRGROUNDS | SAN DIEGUITO | DEL MAR | GENERAL RESIDENTIAL/HOME GARDENERS | 500 |
| 375 | 3/3-4/12 | COMMUNITY EVENT- BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 150 |
| 376 | 3/4-6/2011 | COMMUNITY EVENT- BOOTH | SPRING HOME AND GARDEN SHOW | 220 | FHA | SAN DIEGO COUNTY FAIR GOUNDS, DEL MAR | SAN DIEGUITO | DEL MAR | GENERAL RESIDENTIAL/HOME GARDENERS | 500 |
| 377 | 3/5-6/11 | COMMUNITY EVENT- BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 200 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|---------------|-----------------------|--|------------------|------|---------------------------------------|------------------|-------------------|------------------------------------|---------------------|
| 378 | 4/16-17/2011 | COMMUNITY EVENT-BOOTH | CORONADO FLOWER SHOW | 9 | FHA | SPRECKELS PARK, CORONADO | OTAY | CORONADO | GENERAL RESIDENTIAL/HOME GARDENERS | 240 |
| 379 | 4/2-3/2011 | COMMUNITY EVENT-BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 150 |
| 380 | 5/14-15/11 | COMMUNITY EVENT-BOOTH | ACE HARDWARE ANNIVERSARY | 6 | FHA | ALPINE CREEK TOWN CENTER, ALPINE | SAN DIEGO | ALPINE | GENERAL RESIDENTIAL/HOME GARDENERS | 50 |
| 381 | 5/7-8/2011 | COMMUNITY EVENT-BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 180 |
| 382 | 6/10 - 7/4/11 | COMMUNITY EVENT-BOOTH | SAN DIEGO COUNTY FAIR FLOWER AND GARDEN SHOW | 185 | FHA | SAN DIEGO COUNTY FAIR GOUNDS, DEL MAR | SAN DIEGUITO | DEL MAR | GENERAL RESIDENTIAL/HOME GARDENERS | 5000 |
| 383 | 6/4-5/11 | COMMUNITY EVENT-BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 170 |
| 384 | 7/2-3/11 | COMMUNITY EVENT-BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 200 |
| 385 | 8/6-7/11 | COMMUNITY EVENT-BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 150 |
| 386 | 9/16-18/11 | COMMUNITY EVENT-BOOTH | FALL HOME AND GARDEN SHOW | 22 | FHA | SAN DIEGO COUNTY FAIR GOUNDS, DEL MAR | SAN DIEGUITO | DEL MAR | GENERAL RESIDENTIAL/HOME GARDENERS | 400 |
| 387 | 9/3-4/11 | COMMUNITY EVENT-BOOTH | BALBOA PARK BOTANIC GARDEN | 12 | FHA | BALBOA PARK, SAN DIEGO | PUEBLO SAN DIEGO | SAN DIEGO | GENERAL RESIDENTIAL/HOME GARDENERS | 200 |
| 388 | ALL YEAR | KIOSK | WATERSHED AWARENESS | ALL DAY | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | PARK VISITORS | 1000 |
| 389 | ALL YEAR | INTERPRETIVE SIGN | WATERSHED AWARENESS | ALL DAY | DPR | FELICITA PARK | SAN DIEGUITO | ESCONDIDO | PARK VISITORS | 1000 |
| 390 | ALL YEAR | INTERPRETIVE SIGN | WATERSHED AWARENESS | ALL DAY | DPR | GUAJOME REGIONAL PARK | SAN LUIS REY | OCEANSIDE | PARK VISITORS | 1000 |

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| NO. | DATE | EVENT TYPE | EVENT TITLE | DURATION (HOURS) | DEPT | SITE NAME | WATERSHED | JURISDICTION/ CPA | SPECIFIC TARGET AUDIENCE | ESTIMATED ATTENDEES |
|-----|----------|------------|---------------------|---------------------|------|-----------------------------------|--------------|----------------------|-----------------------------|------------------------|
| 391 | ALL YEAR | KIOSK | WATERSHED AWARENESS | ALL DAY | DPR | HELLHOLE CANYON PRESERVE | SAN LUIS REY | VALLEY CENTER | PARK VISITORS | 300 |
| 392 | ALL YEAR | KIOSK | WATERSHED AWARENESS | ALL DAY | DPR | RAINBOW PARK | SAN LUIS REY | RAINBOW | PARK VISITORS | 500 |
| 393 | ALL YEAR | KIOSK | WATERSHED AWARENESS | ALL DAY | DPR | WILDERNESS GARDENS PRESERVE | SAN LUIS REY | PALA | PARK VISITORS | 500 |

ATTACHMENT 6.3

DETAILED SURVEY RESULTS



Splash Science Lab

FY 2012 Assessment Results



2012

Report Prepared for:
Department of Public Works
Watershed Protection Program

Prepared by:
Action Research
3630 Ocean Ranch Blvd.
Oceanside, CA 92056

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2012 Splash Lab Assessment

Executive Summary

The present document reports the results of a systematic evaluation of the Splash Science Lab presentations conducted by the San Diego County Office of Education for 4th, 5th, and 6th grade students in San Diego County. Splash Lab includes a variety of scientific activities specifically designed to educate students about how water pollution affects the environment and wildlife. The curriculum also includes education specific to stormwater pollution prevention. This report includes the results of a pre-/post-test survey administered to Splash Lab participants in order to assess changes in knowledge and awareness about stormwater pollution.

Key Findings

Matched pre- and post-test data were collected from 1,407 students who received the Splash Lab presentation between October 6, 2011 and June 20, 2012. Results indicated that students are learning some concepts from the presentation; however, overall scores are low at both pre- and post-test suggesting a need for additional emphasis on stormwater concepts.

- **The presentation reached 1,573 students across 26 schools and 13 communities in San Diego County.** Of those who participated in the presentation (i.e., completed a post-test), 31% were in the 4th grade, 20% were in the 5th grade, 38% were in the 6th grade, and 10% were in the 7th grade. A combined 1% of students were in other grades (3rd and 8th).
- **Students' scores on the post-test ($M=4.83$ out of 9) were significantly higher than their scores on the pre-test ($M=3.48$ out of 9) suggesting that some learning is occurring.** However, overall the test scores were below “passing” at both pre-test (39% correct) and at post-test (54% correct). This suggests that the some of the concepts tested are not covered or sufficiently emphasized in the Splash Lab curriculum.
- **All of the items showed good psychometric properties.** The items that were revised following the 2010 pilot are performing well. None of the items appeared too difficult or too easy and there does not appear to be a need for revising the existing set.
- **Following the presentation, students were more likely to report that they planned to tell their friends or family about how to prevent stormwater pollution.** Prior to the presentation, 47% of students said that they would share the information with others compared to 61% who said so after the presentation.
- **Students see litter prevention activities such as using a trash can and picking up litter as something that they can do to prevent storm water pollution.** On both pre- and post-tests, the most commonly listed responses for ways to prevent pollution were related to litter.

2012 Splash Lab Assessment

Background

Splash Science Lab (“Splash Lab”) is a self-contained mobile laboratory that provides elementary school students in the 4th, 5th, and 6th grades with a variety of hands-on activities specifically designed to educate them about water-related issues such as pollution, conservation, and how water pollution effects the environment and wildlife. The curriculum also includes education specific to stormwater pollution prevention.

The County of San Diego Watershed Protection Program implemented an assessment component into the Splash Lab program in order to assess changes in knowledge and awareness about stormwater pollution associated with program participation. Prior to 2010, the assessment component consisted of eleven True/False items. While the test provided basic assessment, it was limited in its ability to provide meaningful data.

In 2010, the County of San Diego’s Watershed Protection Program contracted with Action Research to revise the existing Splash Lab assessment tool. Action Research developed a 12-item evaluation tool that was designed specifically to:

- be more in line with the curriculum;
- be more consistent with the high school surveys;
- measure behavior and knowledge; and
- provide assessment by age level.

The revised assessment tool was piloted in June 2010 with 84 fifth grade students who received the Splash Lab presentation. The survey was refined based on the pilot results and the final survey instrument was implemented beginning in FY 2011.

The present report presents the results of pre- and post-test assessment data collected from students who participated in Splash Lab participants from October 2011 through June 2012. The report consists of the following components:

- Description of Assessment Methodology
- Overall Assessment Results
- Item-by-Item Analysis
- Recommendations

Methodology

Assessment of the Splash Lab presentations consisted of administering a pre-test to assess baseline knowledge, awareness, and behavioral intention prior to hearing the presentation. Following the presentation, students completed a post-test to evaluate the effectiveness of the presentation at increasing knowledge and behavioral intentions.

Assessment Instrument

The pre- and post-tests consisted of identical sets of nine knowledge items and two behavioral items. A complete list of pre-/post-test questions is attached as Appendix A along with the answer key (Appendix B). Table 1 below illustrates the concepts measured by each item.

Table 1: Concepts measured

| Item # | Concept |
|--------|---|
| 1 | The storm drain system is separate from the sewer system. |
| 2 | Stormwater goes directly to the ocean without treatment |
| 3 | Natural materials can also be water pollutants |
| 4 | Pollutants of Concern: Nutrients |
| 5 | We all live in a watershed |
| 6 | Bacteria POC |
| 7 | Behavior, actions that prevent pollution |
| 8 | Definition of urban runoff, dry weather flow |
| 9 | Impacts of stormwater pollution |
| 10 | Behavior. Likelihood of sharing information |
| 11 | Behavior. Pollution prevention actions. |

Sample Characteristics

The Splash Lab program developed and implemented by the San Diego County Office of Education reached a total of 1,573 students throughout the County of San Diego. The presentation reached students at 26 schools spread across 13 communities. Of those who participated in the presentation (i.e., completed a post-test), 31% were in the 4th grade, 20% were in the 5th grade, 38% were in the 6th grade, and 10% were in the 7th grade. A combined 1% of students were in other grades (3rd and 8th).

A summary of the number of students reached at each school, community, and grade level is shown in Table 2 on the following page. For reporting purposes, we assumed that a student heard the presentation if they completed a post-test.

Table 2: Students reached by grade level, school, and city

| School | # | Grade | | | | | | Community |
|----------------------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | | 3 rd | 4 th | 5 th | 6 th | 7 th | 8 th | |
| Oak Valley Middle | 238 | | | | 100% | | <1% | San Diego |
| Spring Valley Middle | 159 | | | | | 100% | | Spring Valley |
| Tierra Del Sol | 137 | | | | 100% | | | Lakeside |
| Wolf Canyon Elem | 114 | | 100% | | | | | Chula Vista |
| Mt Woodson | 91 | | | 24% | 76% | | | Ramona |
| Ramona Elem | 81 | | 83% | 17% | | | | Ramona |
| Rios Elementary | 79 | | 42% | 58% | | | | El Cajon |
| Crest Elementary | 58 | 28% | 37% | 35% | | | | El Cajon |
| Nativity School | 57 | | 41% | 33% | 26% | | | Rancho Santa Fe |
| Dehesa Elementary | 56 | | 45% | 23% | 32% | | | El Cajon |
| Valley Vista | 55 | | | 100% | | | | Bonita |
| Pauma | 53 | | 38% | 36% | 26% | | | Pauma Valley |
| Vista Grande | 52 | | 100% | | | | | El Cajon |
| Barnett | 51 | | | 98% | 2% | | | Ramona |
| Bonsall Elementary | 47 | | 100% | | | | | Bonsall |
| Jamul Intermediate | 46 | | 100% | | | | | Jamul |
| Lakeside Middle | 45 | | | | 100% | | | Lakeside |
| Stuart Mesa Elem | 34 | | 100% | | | | | Oceanside |
| Bancroft | 33 | | | 100% | | | | Spring Valley |
| Highlands | 32 | | | 100% | | | | Spring Valley |
| Boulder Oaks | 30 | | | 100% | | | | Alpine |
| Alpine Elementary | 25 | | | 100% | | | | Alpine |
| Total | 1,573 | 1% | 31% | 20% | 38% | 10% | <1% | |

Test Results

The pre- and post- tests each consisted of nine knowledge items and two behavioral items. The nine knowledge items were individually scored and then totaled to create a knowledge score for each test. The two behavioral items were analyzed separately. Results of the pre- and post-tests were analyzed both in aggregate and separately by grade level. Below, we present overall knowledge scores on the pre- and post tests. Next, we evaluate the magnitude of the change in knowledge scores from pre- to post-test and examine differences by grade level. Finally, we provide item-by-item analyses to identify changes in knowledge across the various concepts.

Pre-Test Knowledge. A total of 1,900 students completed the pre-test. Scores on the pre-test ranged from 0 to 8 (out of 9 possible points). The average score on the pre-test was 3.47 (39% correct). The vast majority of students (89%) scored a five or less out of nine possible points on the pre-test (a failing grade).

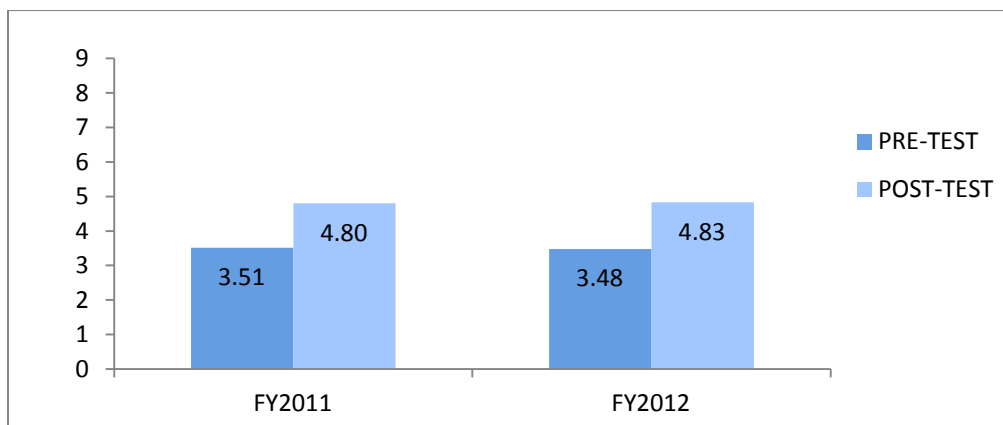
Post-Test Knowledge. A total of 1,573 students completed the post-test. Scores on the post-test ranged from 0 to 9. The average score on the post-test was 4.80 (53% correct). Just over two-thirds of students (64%) scored a five or less out of nine possible points on the post-test (a failing grade).

Overall Change in Knowledge

Of the 1,573 students who heard the presentation, 1,407 completed both the pre- and post-tests. That is, these students completed a test prior to seeing the presentation, were present for the lesson, and completed the post-test. The remaining analyses examine change in knowledge and behavioral intention associated with program participation. For these analyses, we include only those students for whom there are valid pre- and post-scores (i.e., matched cases).

As seen in Figure 1 below, overall knowledge scores increased significantly from baseline to follow-up. The average score on the pre-test was 3.48 out of 9 ($SD=1.62$) and the average score on the post test was 4.83 out of 9 ($SD=1.85$). The difference was statistically significant ($t(1406) = 27.10, p<.0001$) and corresponds to a **39% increase in knowledge**.

Figure 1: Change in overall knowledge



Differences in Learning by Grade Level

Change in knowledge scores were examined across grade level. The group showing the largest increase in learning from the presentation was 7th graders, with students in the 4th and 5th grades showing equal changes in learning. Students in the 6th grade showed the highest baseline knowledge, but the lowest increase in learning. However, overall learning was low among all groups other than the seventh grade group. Paired samples t-tests indicated that for students in the 4th, 5th, and 6th grades (for whom the presentation was designed), post-test scores were significantly higher than pre-test scores.

Table 3: Change in knowledge by grade

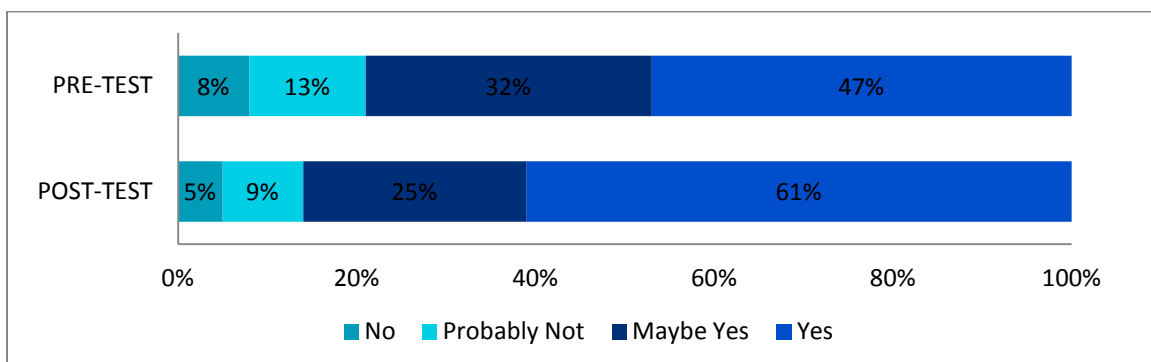
| Grade | Pre-Test | Post-test | Difference | % Change |
|-------|----------|-----------|------------|----------|
| 3 | 2.64 | 3.73 | 1.09 | 41% |
| 4 | 2.90 | 4.11 | 1.21 | 42% |
| 5 | 3.32 | 4.66 | 1.34 | 40% |
| 6 | 4.03 | 5.42 | 1.39 | 35% |
| 7 | 3.66 | 5.32 | 1.66 | 45% |
| 8* | 7.00 | 8.00 | 1.00 | 14% |

*Note that only one 8th grade student participated in the program and completed both pre- and post-tests. As a result, the figures for this grade should be interpreted with caution.

Intention to Share Information with Others

Students were asked about their willingness to share information about stormwater pollution with others. The item read, “*Do you plan to tell your friends or family about how to prevent stormwater pollution?*” Responses categories were: No, Probably Not, Maybe, and Yes. Following the presentation, students were more likely to report that they planned to tell their friends or family about how to prevent stormwater pollution. Prior to the presentation, 47% of students said that they would share the information compared to 61% after the presentation.

Figure 2: Plans to share pollution prevention information with others



Baseline Awareness of Behaviors to Prevent Stormwater Pollution

The pre- and post-tests included a single open-ended item designed to gauge students' awareness of actions they could take to prevent stormwater pollution. The item read, *"Write down one thing you can do to prevent stormwater pollution."* Multiple responses were allowed and each response was coded into a discrete category. This item was asked on both the pre- and post-tests.

On the pre-test, a total of 1,550 responses were provided. The most common behaviors mentioned were related to litter prevention. Forty-two percent (42%) of the responses specifically mentioned avoiding littering, using a trash can, or picking up litter. Importantly, students also reported water conservation as a pollution prevention activity (9%). The majority of responses provided were considered "correct" methods for pollution prevention. A list of all responses provided on the pre-test appears in Table 4 below.

Table 4: Pre-test mentions of pollution prevention actions

| Something I can do to prevent stormwater pollution is..... | N | % of Responses (N = 2042) |
|--|------|------------------------------|
| Don't litter-Use trash can-Pick up trash or waste | 711 | 41.3% |
| Keep things out of street-storm drain-gutters | 238 | 13.8% |
| Conserve-Use less water | 163 | 9.5% |
| Irrelevant-Nonsense | 149 | 8.7% |
| Wrong action | 126 | 7.3% |
| Clean sidewalk-street | 97 | 5.6% |
| Recycle | 94 | 5.5% |
| Keep beaches-Ocean-Keep water clean-Clean up beaches | 91 | 5.3% |
| Tell others-Educate others | 56 | 3.3% |
| Keep clean-Clean up general-Clean | 56 | 3.3% |
| Pick up pet waste | 46 | 2.7% |
| Pick up yard waste | 41 | 2.4% |
| Sweep driveways-Sweep instead of hose-Don't hose | 37 | 2.2% |
| Other | 35 | 2.0% |
| Help the earth-Care more-General environmental | 28 | 1.6% |
| Don't use-Use less-Follow directions on pesticides-chemicals-fertilizers | 18 | 1.0% |
| Don't wash car in driveway-Wash on lawn-Use carwash | 15 | .9% |
| Mention of animals-Save the animals | 16 | .9% |
| Stop polluting-Don't pollute | 14 | .8% |
| Maintain auto-Stop leaks | 7 | .4% |
| Take care of the water | 4 | .2% |
| Total | 2042 | 118.7% |

Post-Presentation Awareness of Behaviors to Prevent Stormwater Pollution

On the post-test, a total of 1,715 responses were provided. As on the pre-test, the most common pollution prevention behaviors mentioned were related to litter prevention. Fifty-two percent (52%) of the responses specifically mentioned avoiding littering, using a trash can, or picking up litter. Students also continued to report water conservation as a pollution prevention activity (19%). Picking up pet waste also emerged as a top response. A list of all responses provided on the post-test appears in Table 5 below.

Although the majority of responses provided were considered “correct” methods for pollution prevention, there does not appear to be a significant difference from pre- to post-test in the types of behaviors that are listed (with the exception of pet waste management). On the pre-test, 3% of responses were to pick up pet waste compared to 12% of responses on the post-test suggesting there is some benefit to highlighting specific, age-relevant behaviors in the presentation.

Table 5: Post-test mentions of pollution prevention actions

| Something I can do to prevent stormwater pollution is..... | N | % of Responses (N = 1900) |
|--|------|------------------------------|
| Don't litter-Use trash can-Pick up trash or waste | 788 | 51.5% |
| Pick up pet waste | 179 | 11.7% |
| Keep things out of street-storm drain-gutters | 137 | 9.0% |
| Conserve-Use less water | 123 | 8.0% |
| Irrelevant-Nonsense | 67 | 4.4% |
| Pick up yard waste | 64 | 4.2% |
| Clean sidewalk-street | 61 | 4.0% |
| Recycle | 60 | 3.9% |
| Don't use-Use less-Follow directions on pesticides-chemicals-fertilizers | 59 | 3.9% |
| Sweep driveways-Sweep instead of hose-Don't hose | 58 | 3.8% |
| Tell others-Educate others | 55 | 3.6% |
| Keep beaches-Ocean-keep water Clean-Clean up beaches | 52 | 3.4% |
| Wrong action | 51 | 3.3% |
| Other | 48 | 3.1% |
| Keep clean-Clean up general-clean | 37 | 2.4% |
| Help the earth-Care more-General environmental | 21 | 1.4% |
| Mention of animals-Save the animals | 13 | .9% |
| Maintain auto-Stop leaks | 12 | .8% |
| Stop polluting-Don't pollute | 12 | .8% |
| Don't wash car in driveway-Wash on lawn-Use carwash | 3 | .2% |
| Total | 1900 | 124.3% |

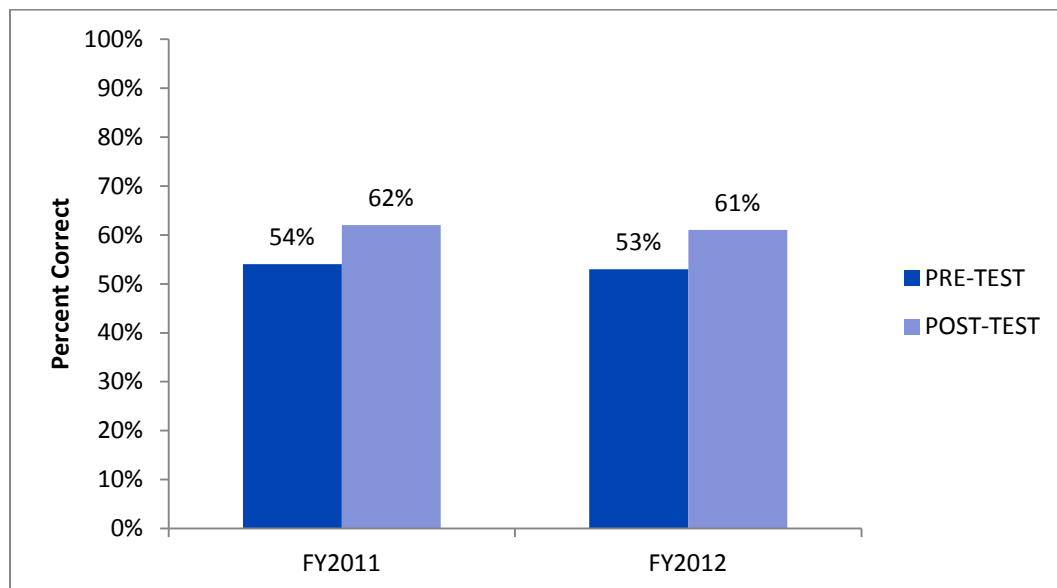
Item Analysis

Below, we present an item by item analysis of the multiple choice knowledge questions on the pre-and post-test. The total proportion of students correctly answering the item at pre-and post test is shown along with comparisons to FY 2011 results.

Item #1: Which of the following types of water is carried by the storm drain system?

This item was designed to assess knowledge that the storm drain system is separate from the sewer system. Results show that just over half of students were already aware of this concept prior to participating in the Splash Lab activities. However, only a small percentage of students appear to be learning this concept from participation in the program. The proportion of students who correctly answered this item increased by just 8% from pre-test to post-test. Additionally, more than one-quarter of students still answered that the storm drain system carries all types of water. Future presentations should be careful to emphasize this concept.

Figure 3: Knowledge about separate systems

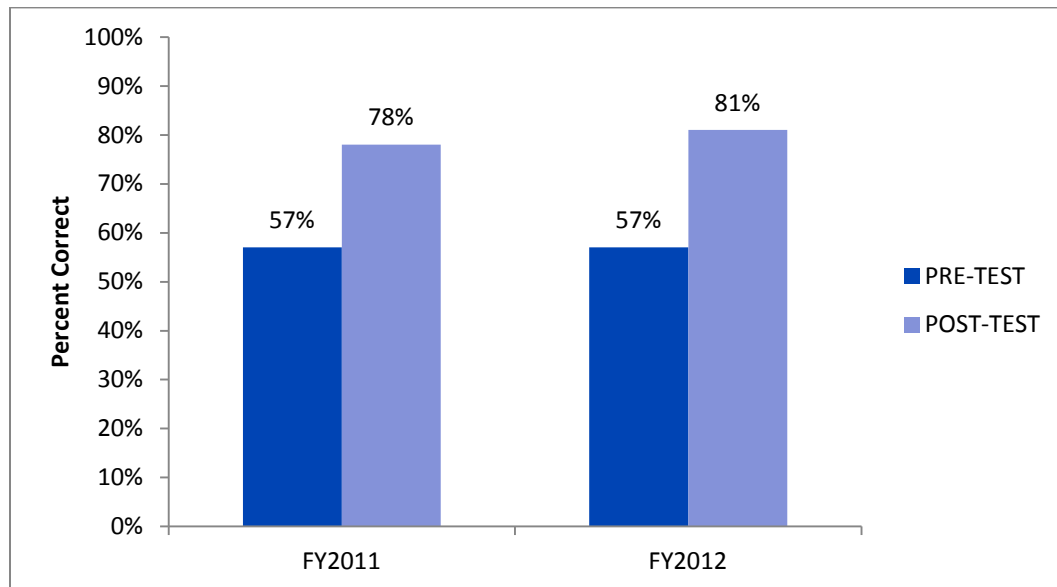


| FY 2012 Responses | PRE | POST |
|------------------------------------|-----|------|
| Waste water from showers and sinks | 7% | 8% |
| Household toilet water | 3% | 2% |
| Rainwater | 53% | 61% |
| All of the above | 37% | 29% |

Item #2: What happens to the water that goes into storm drains?

This item was designed to assess knowledge that water in storm drains goes directly to waterways without treatment. Results showed that knowledge of this concept increased significantly from pre-test (57% correct) to post-test (81% correct) suggesting that students are effectively learning this concept through the Splash Lab activities.

Figure 4: Knowledge that stormwater is not treated before release

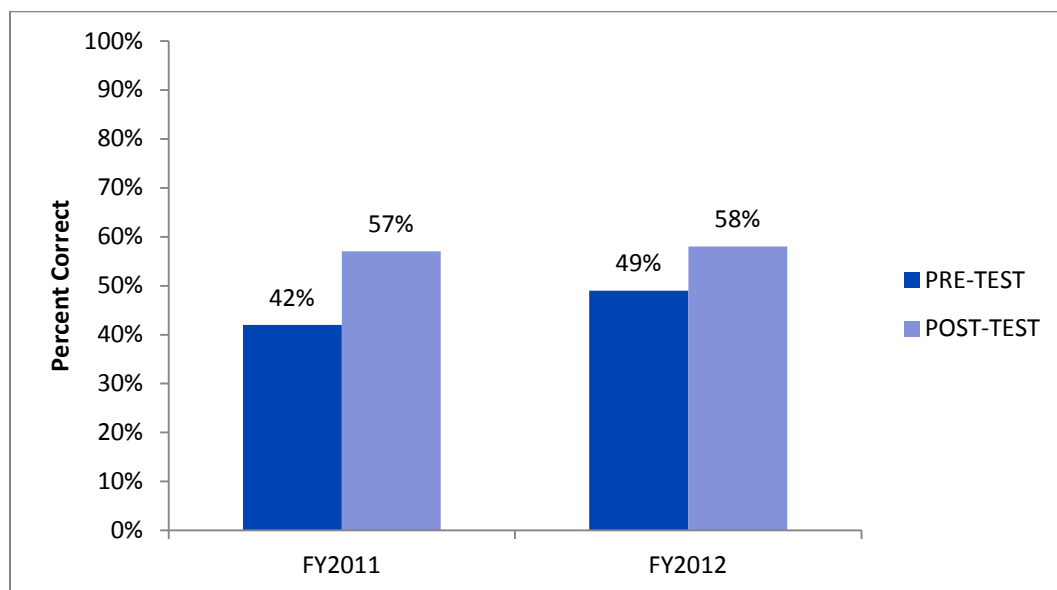


| FY 2012 Responses | PRE | POST |
|--|-----|------|
| It gets sent to the sewer system where it is cleaned | 24% | 9% |
| It goes directly to creeks, lakes, or the ocean without cleaning | 57% | 81% |
| It goes to the ocean after trash is filtered out | 17% | 8% |
| It gets stored in case we need it | 2% | 2% |

Item #3: Which of these things can be harmful to plants and animals if it enters a storm drain?

This item was designed to assess awareness that natural materials such as yard clippings and dirt can still contribute to stormwater pollution. Results show that just less than half (49%) of students were aware of this concept prior to participating in the Splash Lab activities. However, only a small percentage of students appear to be learning this concept from participation in the program. The proportion of students who correctly answered this item increased only 9% from pre-test (49% correct) to post-test (58% correct). Future presentations should emphasize this concept.

Figure 5: Knowledge that natural materials can be pollutants

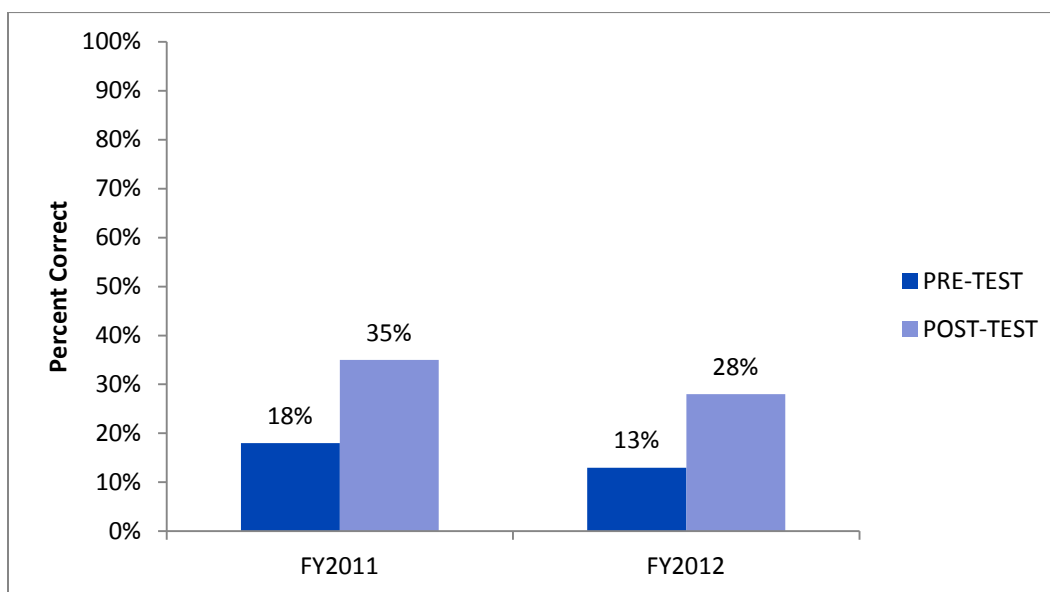


| FY 2012 Responses | PRE | POST |
|----------------------------|-----|------|
| Fertilizer | 28% | 26% |
| Dirt and gravel | 15% | 9% |
| Grass clippings and leaves | 7% | 7% |
| All of the above | 49% | 58% |

Item#4: Fertilizers made with nitrogen are considered what type of pollutant?

This item focused specifically on knowledge about nutrients as a pollutant of concern. Results showed that knowledge of this concept doubled from pre-test (13% correct) to post-test (28% correct) suggesting that students are effectively learning this concept through the Splash Lab activities. Importantly, while students are learning this concept, there is still considerable room for improvement and this topic should be clarified in future presentations.

Figure 6: Knowledge of nutrients as a pollutant of concern

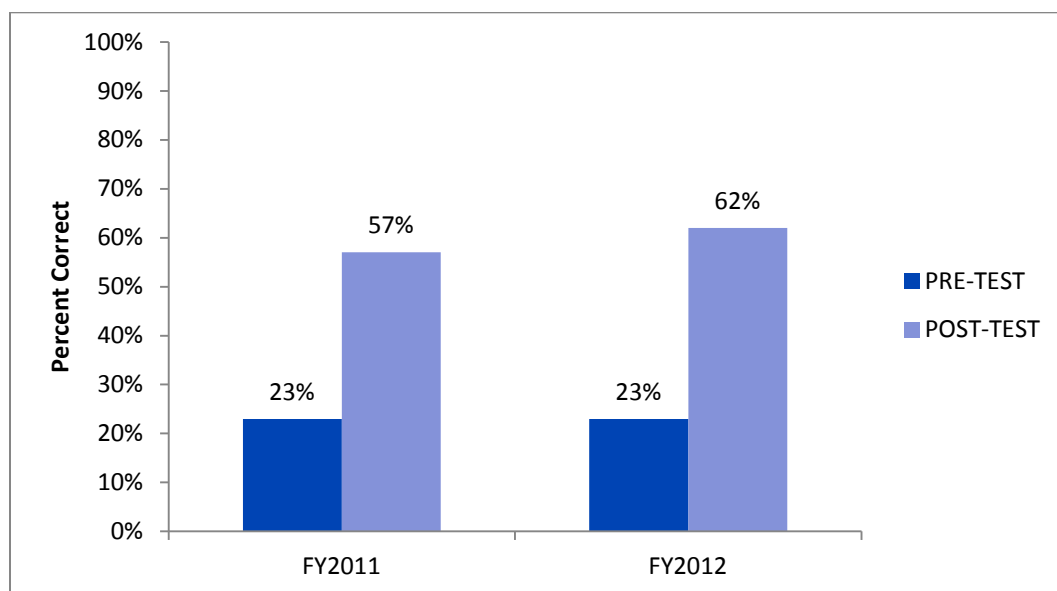


| FY 2012 Responses | PRE | POST |
|-------------------|-----|------|
| Bacteria | 22% | 20% |
| Nutrients | 13% | 28% |
| Sediment | 11% | 13% |
| Chemicals | 53% | 38% |

Item#5: We all live in _____.

This item was designed to assess awareness that everyone in the San Diego region lives in a watershed. Results showed that knowledge of this concept almost tripled from pre-test (23% correct) to post-test (62% correct) suggesting that students are effectively learning this concept through the Splash Lab activities. Importantly, while most students are learning this concept, nearly one in five (19%) still answered that we all live in an “estuary.” The persistence of this answer selection may be attributed to the heavy emphasis on estuaries in the presentation. Thus, students may be answering out of familiarity with the term rather than understanding of the concept.

Figure 7: Awareness about living in a watershed

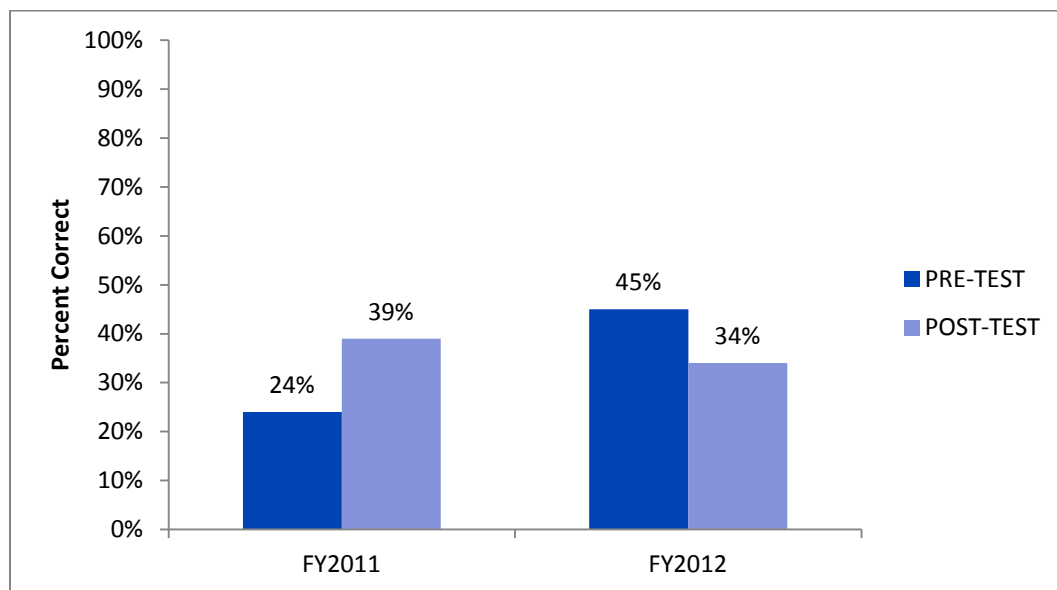


| FY 2012 Responses | PRE | POST |
|-------------------|-----|------|
| A reservoir | 35% | 14% |
| An estuary | 27% | 19% |
| A watershed | 23% | 62% |
| An aqueduct | 14% | 4% |

Item#6: Bacteria pollution in the water comes from:

This item was designed to assess knowledge about bacteria as a pollutant of concern. Results showed a significant decrease in knowledge from pre-test (45% correct) to post-test (34% correct). Importantly, the majority (56%) of students answered “animal waste” on the post-test indicating an increase in the belief that animal waste is a pollutant, but that nutrients and sediment are not. Future presentations should emphasize this concept to correct this misconception.

Figure 8: Awareness of sources of bacteria pollution

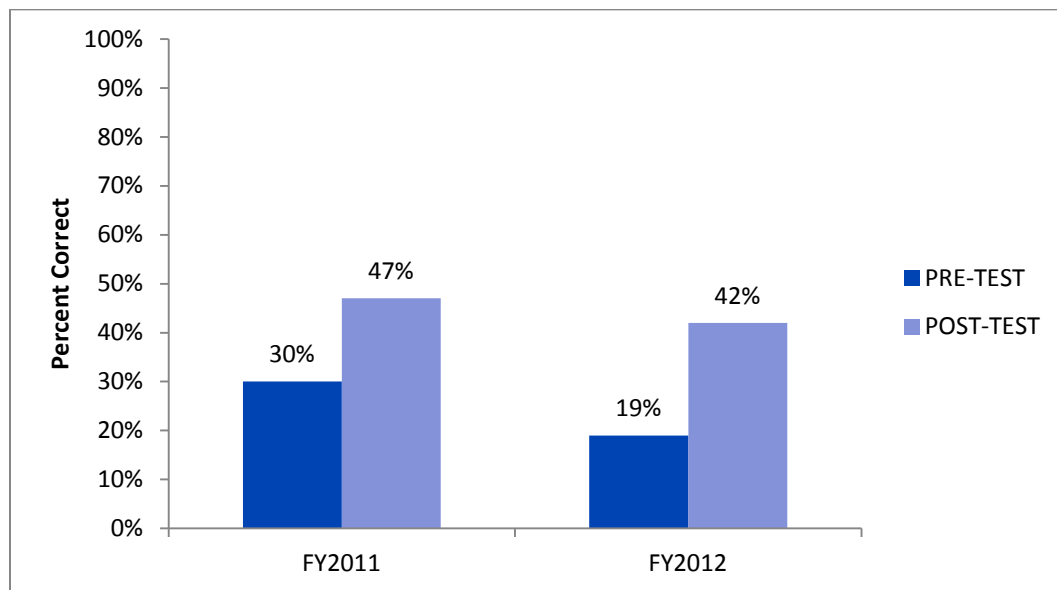


| FY 2012 Responses | PRE | POST |
|-------------------|-----|------|
| Animal waste | 33% | 55% |
| Nutrients | 7% | 4% |
| Sediment | 14% | 6% |
| All of the above | 45% | 34% |

Item #7: What is one thing that people can do prevent stormwater pollution?

This item was designed to assess awareness about behaviors that prevent the pollution of stormwater. Results showed that knowledge of this concept more than doubled from pre-test (19% correct) to post-test (42% correct) suggesting that students are effectively learning this concept through the Splash Lab activities. Importantly, while students are learning this concept, there is still considerable room for improvement and this topic should be clarified in future presentations.

Figure 9: Knowledge of behaviors to prevent pollution



| FY 2012 Responses | PRE | POST |
|---|-----|------|
| Use a hose to clean litter and trash off the sidewalk | 24% | 16% |
| Follow the directions on bug killers | 19% | 42% |
| Sweep leaves and grass clippings into the gutter | 21% | 18% |
| Dispose of used batteries in the trash can | 33% | 23% |

Item#8: Water that travels through our cities when it is not raining is called_____.

This item was designed to evaluate students' knowledge of the term urban runoff and awareness of dry weather flow. Results show that slightly fewer than half (47%) of students were aware of this concept prior to participating in the Splash Lab activities. Importantly, while students are learning this concept, there is still considerable room for improvement and this topic should be clarified in future presentations.

Figure 10: Knowledge of the term "urban runoff"

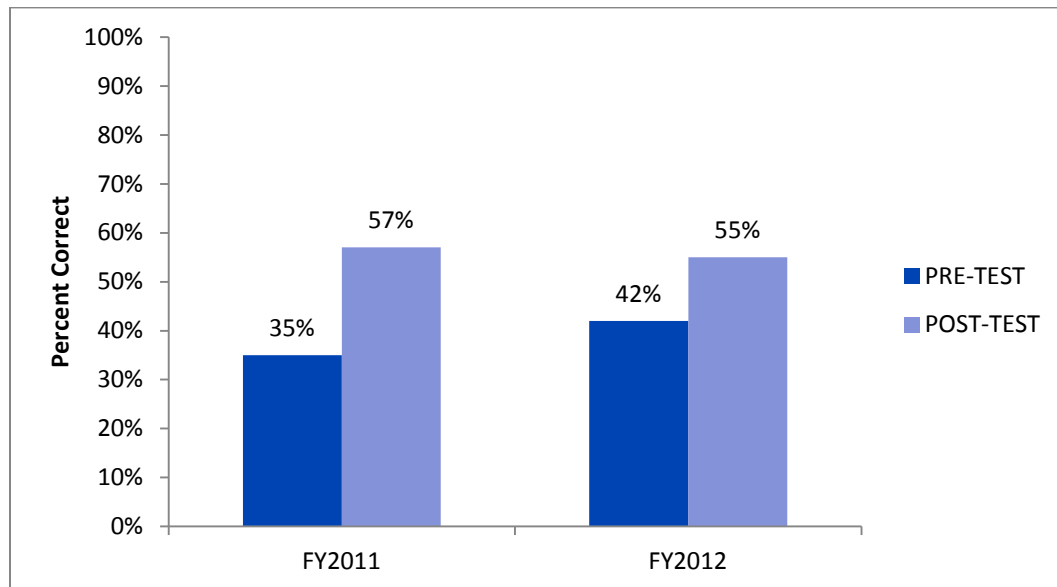


| FY 2012 Responses | PRE | POST |
|-------------------|-----|------|
| Turbidity | 11% | 7% |
| Stormwater | 18% | 14% |
| Watershed | 22% | 16% |
| Urban Runoff | 47% | 62% |

Item#9: Which of the following is a result of stormwater pollution?

The final knowledge item was aimed at assessing awareness about the potential impacts of stormwater pollution. Results showed that knowledge of this concept increased slightly from pre-test (42% correct) to post-test (55% correct) suggesting that students are effectively learning this concept through the Splash Lab activities. .

Figure 11: Knowledge about the impacts of stormwater pollution



| FY 2012 Responses | PRE | POST |
|-------------------|-----|------|
| Wildfires | 6% | 3% |
| Floods | 37% | 30% |
| Beach closures | 42% | 55% |
| Water shortages | 13% | 11% |

Recommendations

We recommend maintaining the existing set of items for FY 2012. The test items demonstrated good psychometric properties and the items that were revised following the 2010 pilot are performing well. None of the items appeared too difficult or too easy.

We recommend that future presentations incorporate a direct emphasis on key stormwater concepts. Results indicated that students learned some concepts from the presentation. However, overall scores were low at both pre- and post-test suggesting a need for additional emphasis on certain stormwater concepts. It does not appear that the items are too difficult, but rather that the concepts are not covered and there is very little movement from baseline on certain concepts.

More direct emphasis is needed on the following stormwater concepts as very little learning is occurring in these areas:

- The storm drain system is separate from the sewer system (Item #1)
- Natural materials can also be water pollutants (Item #3)
- Causes of bacteria pollution (Item #6)

Some concepts are showing moderate levels of learning, but there is still substantial room for improvement. The concepts that we recommend for additional emphasis include:

- Awareness of living in a watershed (Item #5)
- Impacts of stormwater pollution (Item #9)

We recommend focusing assessment primarily on 4th, 5th, and 6th grades. The current testing instrument was developed for use with 4th, 5th, and 6th grade students and therefore is most effective at assessing learning in these groups. The test items may be too easy for 7th and 8th graders as indicated by significantly higher baseline knowledge compared to other grades.

We recommend an improved data management process that will contribute to a more complete data set. Although over two thousand students completed a pre-test or a post-test, we were only able to match just over fourteen-hundred cases. While some of this is likely due to absenteeism, a large proportion of tests could not be matched due to lack of an effective process for data management. Additionally, there were four schools (Trinity Christian, Joan MacQueen, Fuerte and Lakeside Farms) from which only pre-tests were received, as well as a small number of tests that did not indicate whether they were pre- or post-tests. As a result, we recommend the following;

- Eliminate the use of scantrons
- Clearly mark the tests as pre or post, or use color coding
- Request that tests are bundled by class (in smaller groups) rather than by teacher
- Include additional student identifiers such as student id number, or last four digits of home phone number.

Appendix A: Test Items

County of San Diego Water Quality Program – Splash Lab PRE-Survey

SECTION 1: Please fill in the blanks below

Date: _____ School: _____ Teacher: _____

What is the first letter of your FIRST name? _____

What is the first letter of your LAST name? _____

What grade are you in? _____

SECTION 2: For each of the following questions, please circle the best answer.

- 1) Which of the following types of water is carried by the storm drain system?
 - a. Waste water from showers and sinks
 - b. Household toilet water
 - c. Rainwater
 - d. All of the above
- 2) What happens to the water that goes into storm drains?
 - a. It gets sent to the sewer system where it is cleaned
 - b. It goes directly to creeks, lakes, or the ocean without cleaning
 - c. It goes to the ocean after trash is filtered out
 - d. It gets stored in case we need it
- 3) Which of these things can be harmful to plants and animals if it enters a storm drain?
 - a. Fertilizer
 - b. Dirt and gravel
 - c. Grass clippings and leaves
 - d. All of the above
- 4) Fertilizers made with nitrogen are considered what type of pollutant?
 - a. Bacteria
 - b. Nutrients
 - c. Sediment
 - d. Chemicals
- 5) We all live in _____.
 - a. A reservoir
 - b. An estuary
 - c. A watershed
 - d. An aqueduct
- 6) Bacteria pollution in the water comes from:
 - a. Animal waste
 - b. Nutrients
 - c. Sediment
 - d. All of the above
- 7) What is one thing that people can do to prevent stormwater pollution?
 - a. Use a hose to clean litter and trash off the sidewalk.
 - b. Follow the directions on bug killers.
 - c. Sweep leaves and grass clippings into the gutter.
 - d. Dispose of used batteries in the trash can.
- 8) Water that travels through our cities when it is not raining is called _____.
 - a. Turbidity
 - b. Stormwater
 - c. Watershed
 - d. Urban runoff
- 9) Which of the following is a result of stormwater pollution?
 - a. Wildfires
 - b. Floods
 - c. Beach closures
 - d. Water shortages
- 10) Do you plan to tell your friends or family about how to prevent stormwater pollution?
 - a. No
 - b. Probably not
 - c. Maybe yes
 - d. Yes
- 11) Write down one thing you can do to prevent stormwater pollution.
Something I can do to prevent stormwater pollution is: _____

County of San Diego Water Quality Program – Splash Lab POST-Survey

SECTION 1: Please fill in the blanks below

Date: _____ School: _____ Teacher: _____

What is the first letter of your FIRST name? _____

What is the first letter of your LAST name? _____

What grade are you in? _____

SECTION 2: For each of the following questions, please circle the best answer.

- 1) Which of the following types of water is carried by the storm drain system?
 - a. Waste water from showers and sinks
 - b. Household toilet water
 - c. Rainwater
 - d. All of the above
- 2) What happens to the water that goes into storm drains?
 - a. It gets sent to the sewer system where it is cleaned
 - b. It goes directly to creeks, lakes, or the ocean without cleaning
 - c. It goes to the ocean after trash is filtered out
 - d. It gets stored in case we need it
- 3) Which of these things can be harmful to plants and animals if it enters a storm drain?
 - a. Fertilizer
 - b. Dirt and gravel
 - c. Grass clippings and leaves
 - d. All of the above
- 4) Fertilizers made with nitrogen are considered what type of pollutant?
 - a. Bacteria
 - b. Nutrients
 - c. Sediment
 - d. Chemicals
- 5) We all live in _____.
 - a. A reservoir
 - b. An estuary
 - c. A watershed
 - d. An aqueduct
- 6) Bacteria pollution in the water comes from:
 - a. Animal waste
 - b. Nutrients
 - c. Sediment
 - d. All of the above
- 7) What is one thing that people can do to prevent stormwater pollution?
 - a. Use a hose to clean litter and trash off the sidewalk.
 - b. Follow the directions on bug killers.
 - c. Sweep leaves and grass clippings into the gutter.
 - d. Dispose of used batteries in the trash can
- 8) Water that travels through our cities when it is not raining is called _____.
 - a. Turbidity
 - b. Stormwater
 - c. Watershed
 - d. Urban runoff
- 9) Which of the following is a result of stormwater pollution?
 - a. Wildfires
 - b. Floods
 - c. Beach closures
 - d. Water shortages
- 10) Do you plan to tell your friends or family about how to prevent stormwater pollution?
 - a. No
 - b. Probably not
 - c. Maybe yes
 - d. Yes
- 11) Write down one thing you can do to prevent stormwater pollution.
Something I can do to prevent stormwater pollution is: _____

Appendix B: 2012 Answer Key

County of San Diego Water Quality Program Splash Lab Pre-Survey

ANSWER KEY

| ITEM # | ANSWER | CONCEPT |
|--------|--------|---|
| 1 | C | The storm drain system is separate from the sewer system. |
| 2 | B | Storm water goes directly to the ocean without treatment |
| 3 | D | Natural materials can also be water pollutants |
| 4 | B | Pollutants of Concern: Nutrients |
| 5 | C | We all live in a watershed |
| 6 | A | Bacteria POC |
| 7 | B | Behavior, actions that prevent pollution |
| 8 | D | Definition of urban runoff, dry weather flow |
| 9 | C | Impacts of storm water pollution |
| 10 | N/A | Behavior. Likelihood of sharing information |
| 11 | N/A | Behavior. Pollution prevention actions. |

San Diego County Watershed Education Survey Results Fiscal Year 2012



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San Diego County, Department of Public Works
Watershed Protection Program

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August 13, 2012

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Watershed Education Survey Results

Fiscal Year 2012

Summary

The present document reports the results of a systematic evaluation of a High School Watershed Education program conducted by I Love a Clean San Diego (ILACSD) for the County of San Diego Watershed Protection Program. The Watershed Education presentation designed for 9th through 12th grade students was implemented at 14 high schools throughout the County of San Diego between August 15, 2011 and June 8, 2012. The presentation was designed to increase knowledge of local watersheds and to promote behaviors that prevent the pollution of storm water. Pre- and post-test measurements of knowledge, awareness, and behavior were used to evaluate the effectiveness of the presentations.

- In total, 4,448 students participated in the presentations during 2012 (as indicated by completion of a post-test). Of these, 4,158 submitted both a pre- and post-test.
- The presentations were given in 166 classes across 14 schools, reaching approximately 27 students per class.
- Students had significantly more knowledge about watersheds, storm drains, and pollution prevention after hearing presentation than they did before the presentation. Overall test scores increased by 66% following the presentation. Despite the overall increase, however, more than one-quarter of students still failed the post-test.
- Behavioral intention increased significantly from baseline. However, despite the increased knowledge and intentions, students' overall motivation to take actions to prevent storm water pollution remained moderate.
- Knowledge about specific concepts increased significantly following the presentation. For example, following the presentation:
 - 69% knew the definition of a watershed (24% knew at baseline).
 - 81% knew how watershed boundaries were determined (41% knew at baseline).
 - 93% correctly named their watershed (41% correct at baseline).
 - 77% knew that storm water is not treated (58% knew at baseline).

Methodology

Evaluation of the Watershed Education program consisted of administering a pre-test to assess baseline knowledge, awareness, and behavioral intention prior to hearing the presentation. Following the presentation, students completed a post-test to evaluate the effectiveness of the presentation at increasing knowledge and motivation to take actions to prevent pollution of storm water.

Sample Characteristics

The Watershed Education presentation developed and implemented by I Love a Clean San Diego reached a total of 4,448 high school students throughout the County of San Diego. The presentation reached students at fourteen schools spread across six watersheds. Of these, 41% were in the 9th grade, 26% were in the 10th grade, 19% were in the 11th grade, and 14% were in the 12th grade. A summary of the number of students reached at each school, watershed, and grade level is shown in Table 1. For reporting purposes, we assumed that a student heard the presentation if they completed a post-test.

Table 1: Students reached by grade level, school, and watershed

| School | | Grade Level | | | | Watershed |
|-----------------------------|--------------|-------------|------------|------------|------------|-----------------|
| | | 9 | 10 | 11 | 12 | |
| Otay Ranch High School | 1,192 | 27% | 19% | 31% | 23% | Otay |
| Ramona High School | 578 | 62% | 21% | 12% | 5% | San Dieguito |
| Olympian High School | 388 | 45% | 12% | 16% | 27% | Otay |
| Valhalla High School | 386 | 74% | 10% | 7% | 9% | Sweetwater |
| Monte Vista High School | 369 | 29% | 25% | 26% | 20% | Sweetwater |
| Mount Miguel High School | 337 | 11% | 83% | 3% | 3% | Sweetwater |
| El Capitan High School | 306 | 56% | 23% | 14% | 7% | San Diego River |
| Fallbrook High School | 281 | 55% | 10% | 20% | 15% | San Luis Rey |
| Valley Center High School | 223 | 46% | 23% | 21% | 10% | San Luis Rey |
| River Valley Charter School | 140 | 51% | 48% | 0% | 1% | San Diego River |
| Mountain Empire High School | 89 | 0% | 83% | 12% | 5% | Tijuana |
| Del Norte High School | 68 | 3% | 44% | 45% | 8% | San Dieguito |
| Julian High School | 48 | 29% | 25% | 33% | 13% | San Diego River |
| Warner High School | 43 | 42% | 22% | 17% | 19% | San Luis Rey |
| TOTAL | 4,448 | 41% | 26% | 19% | 14% | |

The presentation reached students in classes that spanned a variety of different subject matters. Table 2 shows the distribution of students in each subject area.

Table 2: Number of students per subject area

| Subject | # | % |
|----------------------|---------------|-------------|
| Biology | 1,475 | 33% |
| Health | 656 | 15% |
| AVID | 636 | 14% |
| Earth Science | 440 | 10% |
| Automotive | 340 | 8% |
| Agricultural Biology | 314 | 7% |
| Integrated Science | 274 | 6% |
| Geography | 141 | 3% |
| Physiology | 81 | 2% |
| Medical Biology | 45 | 1% |
| English | 26 | 1% |
| ELL | 20 | <1% |
| TOTAL | 4, 448 | 100% |

Test Results

The pre- and post- tests consisted of nine knowledge items and two behavioral items. The nine knowledge items were individually scored and then totaled to create a knowledge score for each test. The two behavioral items were analyzed separately. Results of the pre- and post-tests were analyzed both in aggregate and separately by grade level and watershed. Below, we present overall knowledge scores on the pre- and post tests. Next, we evaluate the magnitude of the change in knowledge scores from pre- to post-test and examine differences by grade level and watershed. Finally, we provide item-by-item analyses to identify changes in knowledge across the various concepts.

Pre Test Scores

A total of 4,486 students completed the pre-test. Scores on the pre-test ranged from 0 to 9 (out of 9 possible points). The average score on the pre-test was 3.92 (44% correct). The vast majority of students (79%) scored a five or less out of nine possible points on the pre-test (a failing grade).

Post Test Scores

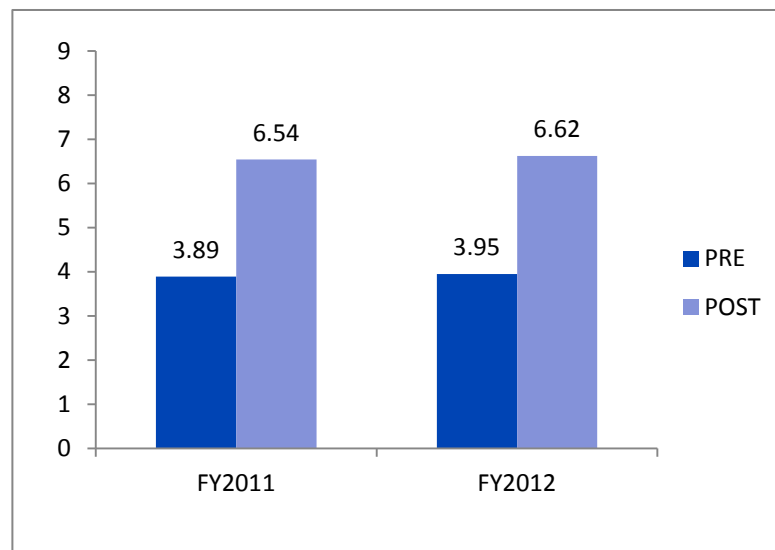
A total of 4,448 students completed the post-test. Scores on the post-test ranged from 0 to 9. The average score on the post-test was 6.56 (73% correct). Over one-quarter of students (29%) scored a five or less out of nine possible points on the post-test (a failing grade).

Change in Knowledge

Of the 4,448 students who heard the presentation, 4,158 participated in both the pre- and post-test assessments of the presentation. That is, these students completed a test prior to seeing the presentation, were present for the lesson, and completed the post-test.

As seen in Figure 1 below, knowledge scores increased significantly from baseline to follow-up. Among those with complete pre- and post-test scores, the average score on the pre-test was 3.95 out of 9 ($SD=1.90$) and the average score on the post-test was 6.62 ($SD=2.18$). **This corresponds to a 68% increase in knowledge.** The difference was statistically significant, $t(4157) = 77.70, p < .0001$.

Figure 1: Change in overall knowledge



Differences by Grade Level

Change in knowledge scores were examined across grade level. Results showed that the group showing the largest increase in learning from the presentation was 9th graders. An analysis of variance showed that 9th and 10th graders learned significantly more than students in all other grades. Much of this is likely due to the lower baseline level of knowledge among 9th and 10th graders. At pre-test, students in the 9th and 10th grades had significantly lower knowledge scores than students in 11th and 12th grades. This finding suggests that the younger students benefit most from the presentation in terms of increased knowledge.

Table 3: Change in knowledge by grade

| Grade | Pre-Test | Post-Test | Difference | % Change |
|-------|----------|-----------|------------|----------|
| 9 | 3.85 | 6.75 | 2.90 | +75% |
| 10 | 3.80 | 6.36 | 2.56 | +67% |
| 11 | 4.14 | 6.53 | 2.39 | +58% |
| 12 | 4.27 | 6.86 | 2.59 | +61% |

Differences by Watershed

Change in knowledge scores were also examined across watershed. Schools in six major watersheds were included in the 2012 presentations. Results showed that students in the San Luis Rey and San Dieguito watersheds showed the highest percentage increase in learning following the presentation, while students in the San Diego River and Sweetwater watersheds showed the lowest.

Table 4: Change in knowledge by watershed

| Watershed | Pre-Test | Post-Test | Difference | % Change |
|-----------------|----------|-----------|------------|----------|
| San Luis Rey | 3.82 | 6.64 | 2.82 | +74% |
| San Dieguito | 4.00 | 6.92 | 2.92 | +73% |
| Tijuana | 3.37 | 5.72 | 2.35 | +70% |
| Otay | 4.08 | 6.90 | 2.82 | +69% |
| San Diego River | 4.34 | 7.08 | 2.74 | +63% |
| Sweetwater | 3.67 | 5.87 | 2.20 | +60% |

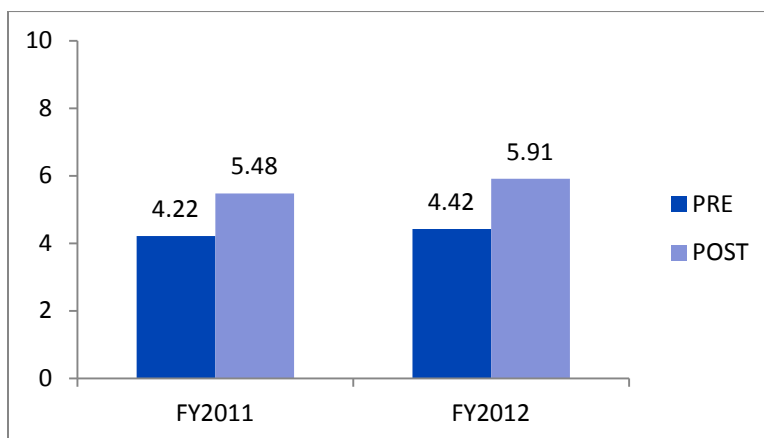
Change in Behavioral Intention

How likely is it that you will take action to prevent storm water pollution?

Using a scale from 0 (Not at all likely) to 10 (Extremely likely), students rated the likelihood that they would personally take actions to prevent storm water pollution. Responses to this item were provided both before and following the presentation. Before hearing the presentation, the mean response was 4.42 out of 10, where a 10 indicated that the student was “extremely likely” to take action. The mean response on the post-test was 5.91 out of 10.

Self-reported intention to take action to prevent storm water pollution increased by 34% -- a moderate, but significant, increase. The difference in scores from pre- to post-test was statistically significant $t(3967) = 36.73, p < .0001$. **On the pre-test, 9% of students answered a 9 or 10 on this item compared to 24% on the post-test.**

Figure 2: Change in intention to take pollution prevention actions



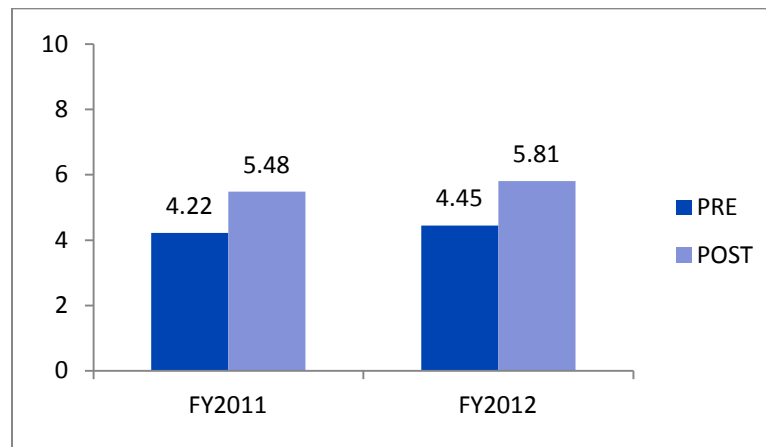
Importantly, although behavioral intention increased significantly after the presentation, the overall intention to take action to prevent storm water pollution was relatively low (just above the mid-point on an 11-point scale from 0 to 10). Indeed, slightly less than one-quarter of students responded with a 9 or a 10 to this item suggesting that they would be highly likely to take actions. This finding can be interpreted in two ways. One possibility is that students may not have been strongly motivated by the information in the presentation alone. A second (more likely) possibility is that the behaviors focused on in the presentation were not personally relevant to this age group. Future presentations might benefit from asking students to make a commitment to specific pollution prevention actions.

How likely is it that you will tell other members of your family about how to prevent storm water pollution?

Using a scale from 0 (Not at all likely) to 10 (Extremely likely), students rated the likelihood that they would tell other family members about how to prevent storm water pollution. Responses to this item were provided both before and following the Watershed Education presentation. Before hearing the presentation, the mean response was 4.45 out of 10, where a 10 indicates that the student was “extremely likely” to tell their family. The overall mean on the post-test was 5.81 out of 10

Self-reported intention to tell family members about how to prevent storm water pollution increased by 31% -- a moderate, but significant, increase. The difference in scores from pre- to post-test was statistically significant $t(3964) = 34.06, p < .0001$. **On the pre-test, 13% of students answered a 9 or 10 on this item compared to 27% on the post-test.**

Figure 3: Change in intention to tell others



As with the previous item, we saw intention to share the information with others increase significantly after the presentation. However, the overall intention to share information with others was low (below 6.0 on a scale from 0 to 10). This suggests that they would be only moderately likely to share the information with their family. This finding indicates that students may need additional motivation beyond the informative presentation to be moved to share the information with others. Future presentations might consider incorporating an incentive program where students are encouraged to obtain commitments from community members in exchange for some type of reward or contest recognition. For example, students might be asked to sign a pledge card and then obtain a pledge from one other person in their family. Upon returning the pledge card, the student would be eligible for points or some other type of reward.

Item Analysis

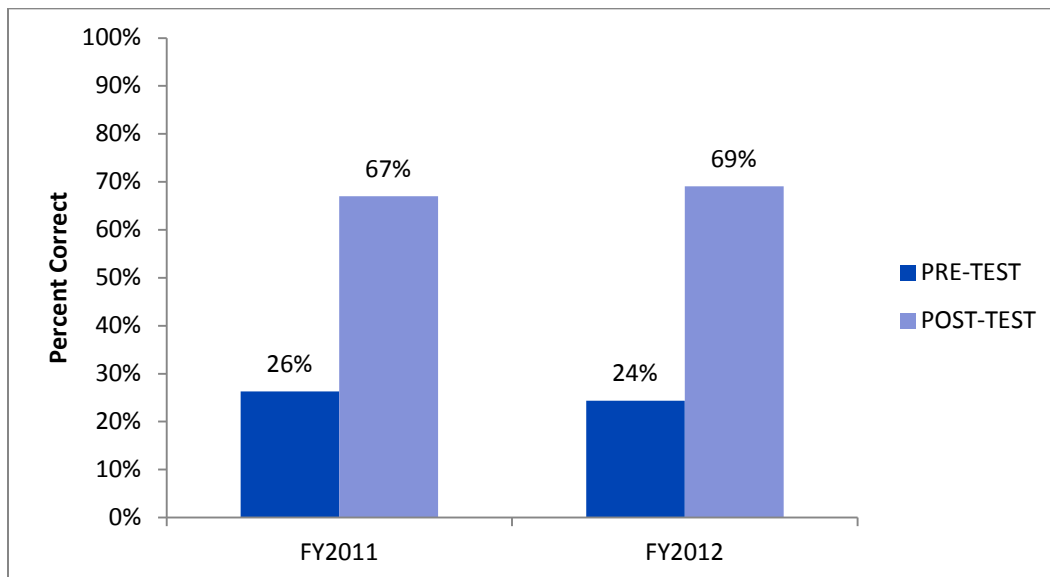
Knowledge of the Term Watershed

Three items on the survey pertained to students' knowledge about watersheds. Results showed that students' knowledge pertaining to watersheds increased substantially after seeing the presentation.

#1: What is a watershed?

Prior to hearing the presentation, 46% of students believed that a watershed was “a storage place for water reserves.” Just under one-quarter (24%) correctly answered that a watershed is “a land area that drains into a common water body.” On the post-test, 69% answered this item correctly.

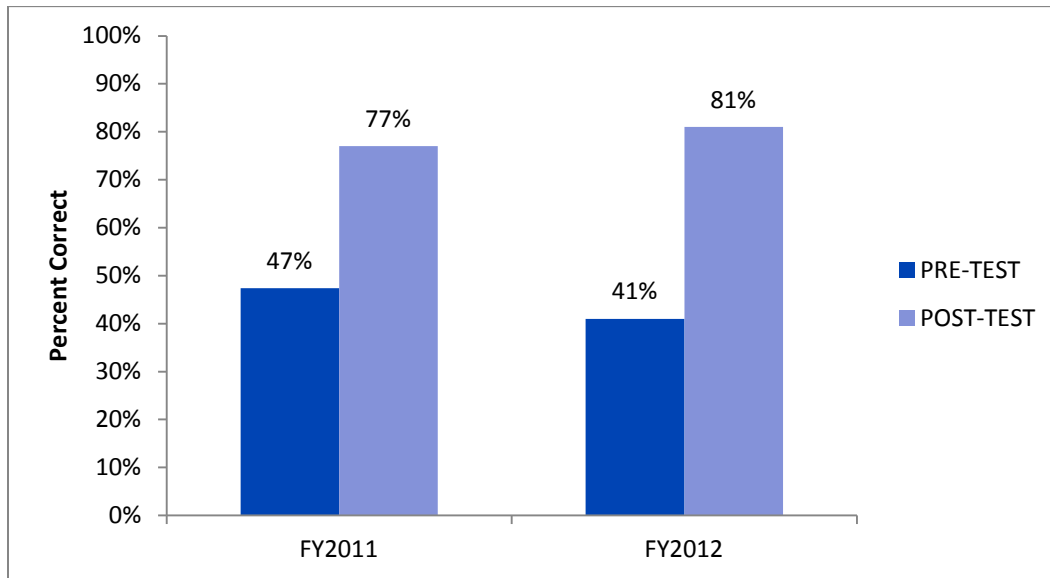
Figure 4: What is a watershed?



#2: How are watershed boundaries determined?

Prior to hearing the presentation, 41% were able to correctly identify that watershed boundaries are determined by “the natural contours of the land”, while 45% incorrectly answered that “city and county jurisdiction lines” determined watershed boundaries. Following the presentation the majority of students (81%) correctly answered this item.

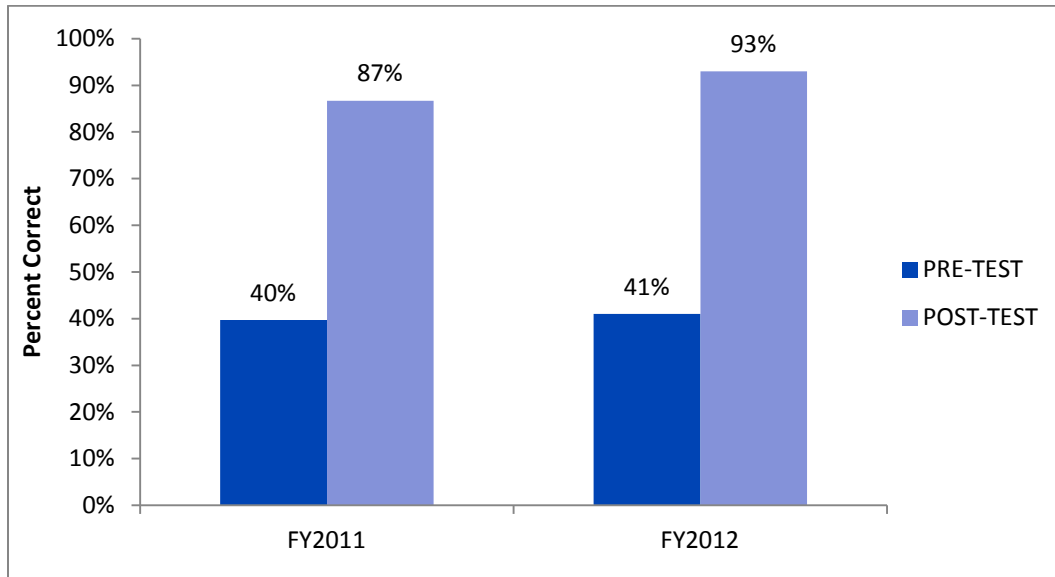
Figure 5: Knowledge of watershed boundaries



#3: What watershed is your school located in?

Students were asked to circle the appropriate choice from a list of eleven watersheds. The list also included the option of answering that the school was not located in a watershed. On the pre-test, 41% were able to correctly identify the watershed. Fifty-nine percent of the students (59%) selected the wrong answer, and of those who answered incorrectly, 12% answered that their school was not located in a watershed. **Following the presentation, fully 93% of students selected the correct watershed.**

Figure 6: Correctly named watershed



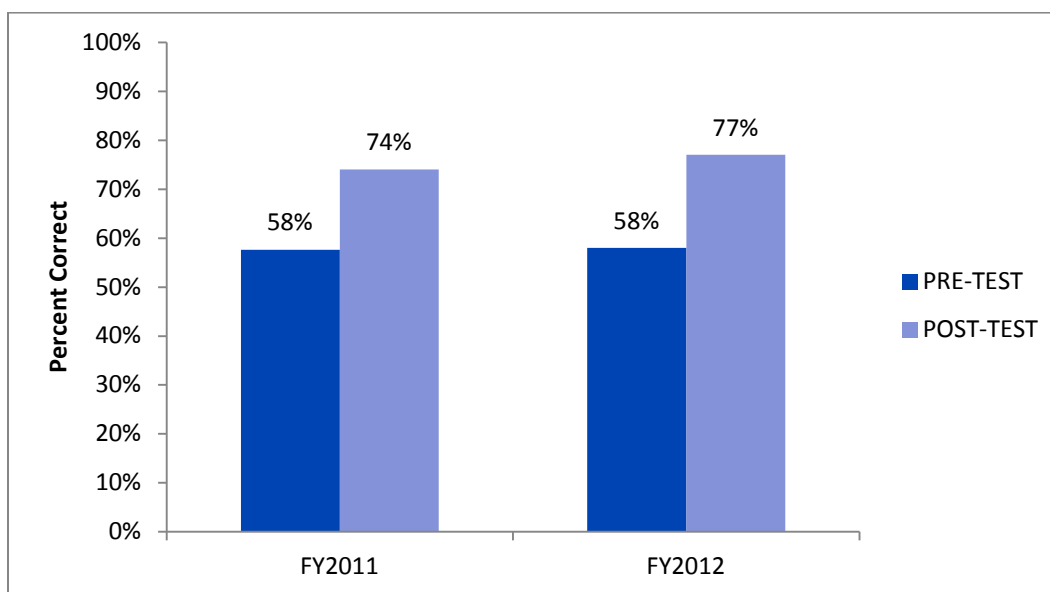
Knowledge of the Storm Drain System

The next three items on the test focused on knowledge about the structure and function of the storm drain system. Results showed that students' knowledge pertaining to the storm drain system increased substantially after seeing the presentation.

#4: What happens to rain that falls on urban areas covered with concrete or asphalt?

Prior to hearing the presentation, 58% of students knew that rain in urban areas runs off into the storm drains and is discharged into waterways without treatment. The percentage of students who answered this question correctly increased to 77% on the post-test. Although the majority of students answered this item correctly before the presentation, after taking the post-test, there were still about 16% of students who erroneously believed that the rain runs into storm drains where trash and contaminants are filtered before emptying into waterways.

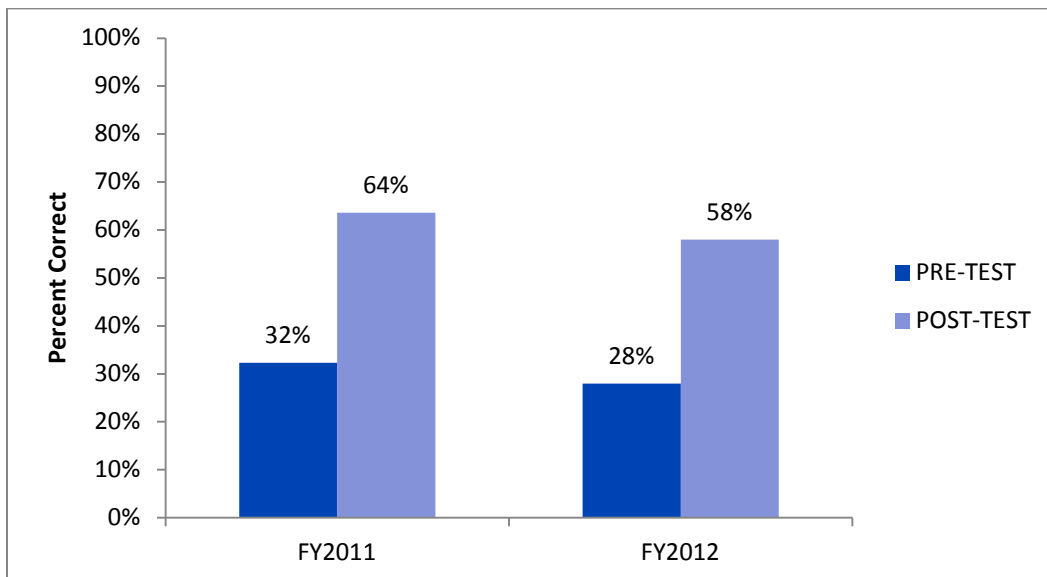
Figure 7: Flow of water to storm drain system



#5: The storm drain system is designed to carry what type of water?

Before hearing the presentation, the majority of students (64%) incorrectly answered that the storm drain system was designed to handle all types of water: waste water from showers and sinks, household toilet water, and rainwater. This reflects an initial lack of knowledge that the storm drain system is separate from the sewer system. At pre-test, 28% of students answered this question correctly. Following the presentation, 58% correctly answered that the system was designed to handle rainwater. Importantly, a sizeable percentage (34%) still believed that all types of water were carried by the system. Future presentations should be careful to emphasize this distinction.

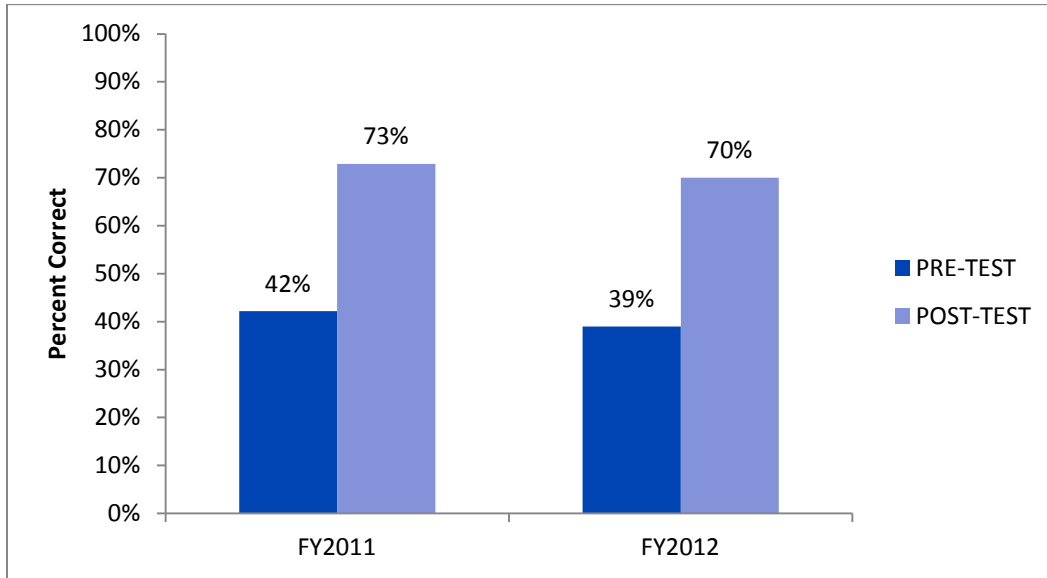
Figure 8: Storm drain system is separate from the sewer system



#6: *Water that passes through the storm drain system is not treated.*

Students had a low baseline level of knowledge that storm water is left untreated. Only thirty-nine percent (39%) of students correctly answered this item on the pre-test. However, following the presentation, 70% correctly recalled that water passing through the storm drain system is not treated.

Figure 9: Storm water is not treated



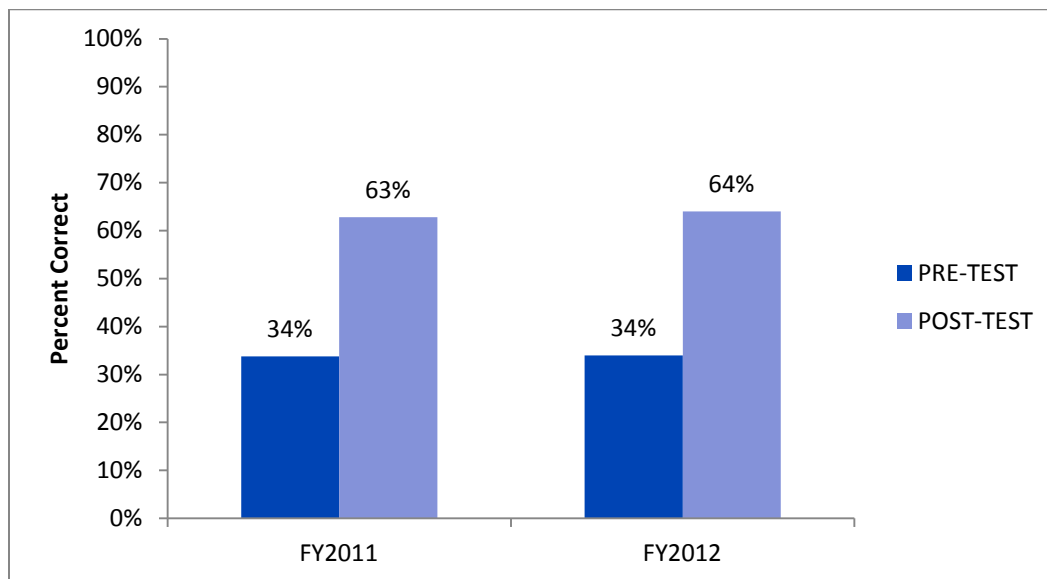
Knowledge of Specific Pollutants

The next items pertained to students' knowledge of specific pollutants and pollution prevention behaviors. Results showed that students' knowledge pertaining to pollutants increased substantially after seeing the presentation.

#7: Knowledge about grass clippings, leaves, and yard waste as a pollutant.

Prior to hearing the presentation, 43% answered “none of the above” to this item, indicating both positive and negative effects of yard waste on storm water. This suggests that they may not really understand the question or are simply guessing at the answer. On the pre-test, 34% answered this question correctly. Following the presentation, more than half (64%) correctly answered that these materials contribute to poor water quality by removing oxygen.

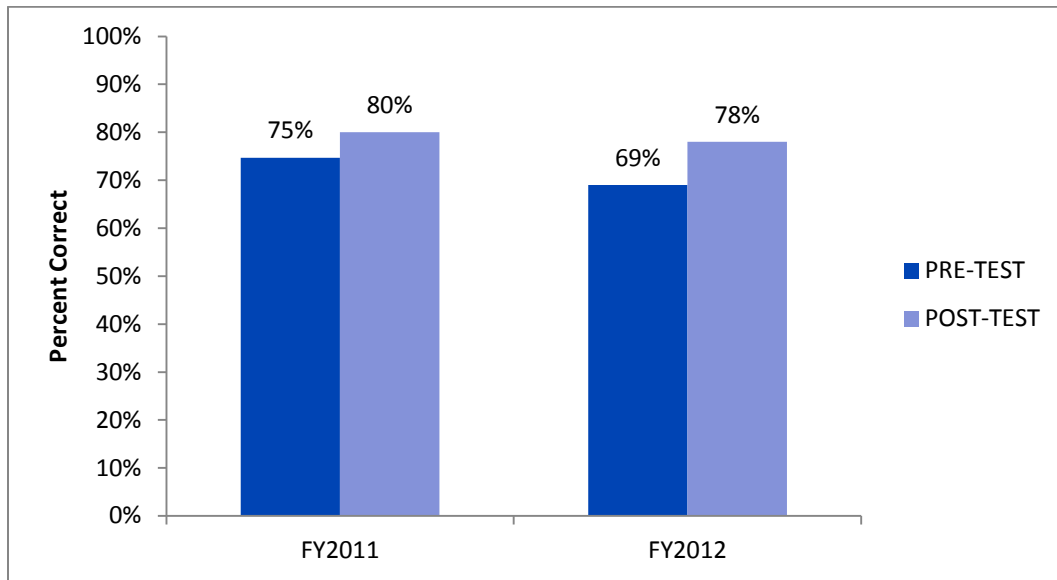
Figure 10: Yard waste as a pollutant



#8: Awareness of actions that can reduce storm water pollution.

Students were very knowledgeable about actions that could be taken to prevent pollution of storm water. Prior to hearing any presentation, 69% of students correctly identified that all of the options listed were effective actions: sweeping instead of hosing, keeping lids closed on trash cans, and recycling used motor oil. Following the presentation, knowledge of these actions increased to 78%. Although the difference was small, it was statistically significant. Given the high level of baseline knowledge, however, future tests may consider replacing this item.

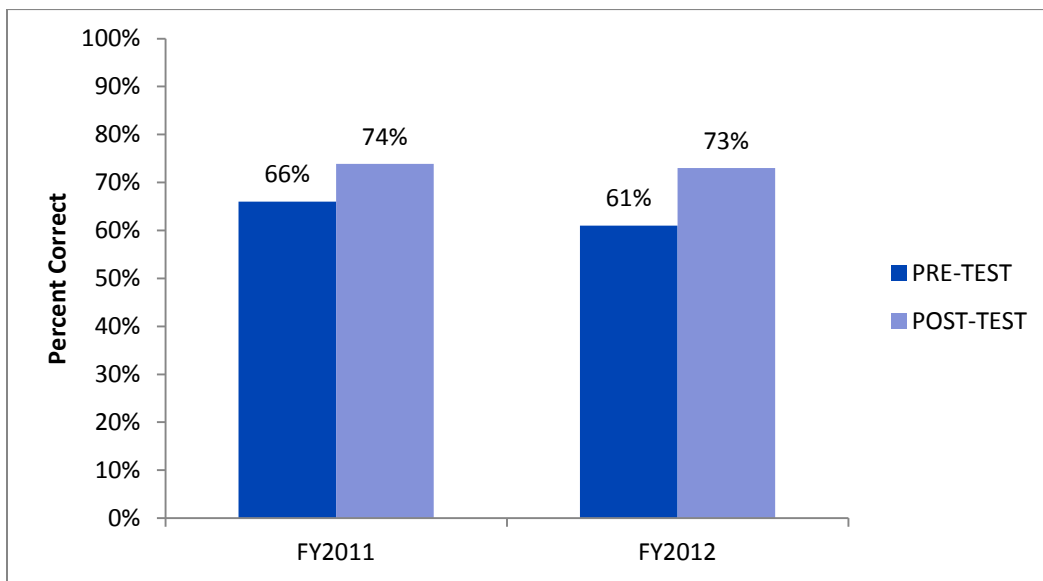
Figure 11: Awareness of pollution prevention actions



#9: Knowledge about litter as a pollutant.

The final knowledge item on the test pertained to litter in streets and gutters (paper cups, cans, and plastic bottles) that could potentially wind up in a storm drain. Before the presentation, 61% of students correctly answered this item indicating awareness that these materials can be harmful to animals, that they are not filtered before reaching beaches, and that they contribute to the pollution of storm water. Following the presentation, 73% of students answered this item correctly. The difference was small, but statistically significant. Given the high level of baseline knowledge on this topic, future tests may benefit from increasing the difficulty of this item.

Figure 12: Litter



Conclusions and Recommendations

Several important conclusions emerged from the data:

The presentation was effective at reaching a large, diverse group of students throughout the County of San Diego. The presentation reached 4,448 students across a variety of grade levels and watersheds throughout the County of San Diego.

We recommend providing a more advanced curriculum for those in higher grades who already have some basic knowledge. Alternatively, more challenging pre/post tests could be implemented that assesses higher level learning. Students in the 9th and 10th grades appear to get the most benefit from the Watershed Education presentation, mostly due to lower baseline knowledge. Students in the 11th and 12th grades had significantly higher baseline knowledge and should be prepared for more advanced concepts.

The presentation is effective at increasing knowledge. Students had significantly more knowledge about watersheds, storm drains, and pollution prevention after hearing presentation than they did before the presentation.

Items #8 and #9 which assess knowledge about specific pollutants show high levels of baseline knowledge and may be too easy. Future test revisions might consider replacing these items with more difficult concepts.

Results of the item by item analysis identified two topic areas that were most difficult for students. We recommend that the following concepts are emphasized in future presentations:

- **The storm drain is not connected to the sewer system.** Following the presentation, more than one-third (34%) of students still answered that the storm drain system carries grey water and toilet water.
- **Storm water is not treated before release.** Following the presentation, nearly one-third (30%) of students thought that storm water was treated or filtered.

Despite increased knowledge and intention, students' overall intentions to take actions to prevent storm water and to tell others about pollution prevention practices were low. This finding points to two distinct considerations:

- **Future presentations might consider incorporating a commitment component** or an incentive program where students are encouraged to obtain commitments or pledges from community members in exchange for some type of reward or contest recognition.
- **Future presentations might benefit from asking students to make a commitment to very specific pollution prevention actions that are age-relevant.** In addition, presentations should be careful to distinguish between behaviors the student can do to prevent pollution, and behaviors students should encourage among family members.

Appendix I: Test Items

| Item | PRE | POST |
|---|------------|------------|
| 1. What is a watershed? | | |
| A storage place for water reserves | 46% | 8% |
| A single large water body that drains into the ocean | 16% | 17% |
| A land area that drains into a common water body | 24% | 69% |
| The lakes, streams, and waterways in a geographic area | 13% | 6% |
| Missing/Blank | 1% | <1% |
| 2. Watershed boundaries are determined by: | | |
| City and county jurisdiction lines | 45% | 13% |
| The natural contours of the land | 41% | 81% |
| Political jurisdictions | 4% | 2% |
| State lines | 8% | 3% |
| Missing/Blank | 2% | 1% |
| 3. What watershed do you live in (circle one)? | | |
| Correctly Named Watershed | 41% | 93% |
| Incorrectly Names Watershed (Missing considered incorrect) | 59% | 7% |
| 4. What happens to rain that falls on urban areas covered with concrete or asphalt? | | |
| It soaks in to the pavement. | 7% | 3% |
| It runs off into the storm drains and is discharged into waterways without treatment... | 58% | 77% |
| It runs off into the storm drains where trash and other contaminants are filtered out before | 30% | 16% |
| It runs off into the storm drains and is routed to local farms for irrigation. | 4% | 3% |
| Missing/Blank | 1% | 1% |
| 5. Which of the following types of water is carried by the storm drain system? | | |
| Waste water from showers and sinks | 4% | 4% |
| Household toilet water | 3% | 3% |
| Rainwater | 28% | 58% |
| All of the above | 64% | 34% |
| Missing/Blank | 1% | 1% |
| 6. Water that passes through the storm drain system is: | | |
| Mixed with sewer water and treated for bacterial contaminants. | 23% | 11% |
| Treated for chemical contaminants such as pesticides and fertilizers. | 16% | 10% |
| Left untreated. | 39% | 70% |
| Filtered to remove litter and trash. | 20% | 8% |
| Missing/Blank | 2% | 1% |
| 7. Grass clippings, leaves, and other yard waste that enters storm drains: | | |
| Naturally filters the water in the storm drain system. | 13% | 8% |
| Provides a food source for fish and other marine organisms. | 8% | 5% |
| Contributes to poor water quality by removing oxygen. | 34% | 64% |
| None of the above | 42% | 22% |
| Missing/Blank | 3% | 1% |
| 8. Which of the following actions can directly reduce storm water pollution? | | |
| Cleaning driveways by sweeping instead of hosing | 14% | 8% |
| Keeping lids closed on trash cans and recycling bins | 9% | 5% |
| Recycling used motor oil | 6% | 7% |
| All of the above | 69% | 78% |
| Missing/Blank | 2% | 2% |
| 9. Paper cups, cans, and plastic bottles that are thrown onto streets or into gutters: | | |
| Do not contribute to pollution of storm water. | 9% | 8% |
| Are ugly, but harmless to plants and animals. | 20% | 12% |
| Are carried by the storm drain system to local beaches. | 8% | 5% |
| None of the above | 61% | 73% |
| Missing/Blank | 2% | 2% |

Appendix II: Descriptive Statistics

Matched pre- & post- tests

Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|--------------------|------|---------|---------|------|----------------|
| Q10_Pre | 4028 | 0 | 10 | 4.42 | 2.951 |
| Q10_Post | 4064 | 0 | 10 | 5.91 | 3.086 |
| Valid N (listwise) | 3968 | | | | |

Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|--------------------|------|---------|---------|------|----------------|
| Q11_Pre | 4021 | 0 | 10 | 4.45 | 3.185 |
| Q11_Post | 4066 | 0 | 10 | 5.81 | 3.256 |
| Valid N (listwise) | 3965 | | | | |

San Diego County

Pet Event Survey Results

FY 2012

Prepared for:
San Diego County, Department of
Public Works
Watershed Protection Program

Prepared by:
Action Research
3630 Ocean Ranch Blvd.
Oceanside, CA 92056

August 17, 2012

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San Diego County: Pet Event Survey Results

Background

In 2011, the County of San Diego contracted with Action Research to revise the County's existing pet waste event survey so that it could provide both meaningful data to inform outreach and education efforts, as well as assess changes in attitudes, knowledge, and behaviors over time. Action Research developed a core set of measures focused on knowledge, attitudes, and behaviors surrounding pet waste management and storm water pollution. The present report includes the results of event surveys completed during FY 2012. Results are presented in aggregate along with comparisons to FY2011 where appropriate.

Survey Instrument

The new pet waste survey instrument was designed for self-administration. The survey was designed such that it could be completed by all visitors (not exclusively dog owners) at outreach and education events occurring throughout the County of San Diego. The survey was organized around the following themes:

- **Knowledge** about the storm water system and pollutants
- **Attitudes** regarding the importance of pet waste management in various contexts
- **Self-Reported Behavior** by dog owners regarding pet waste management
- **Demographics** including gender, age, and residence
- **Contact Information** for those who wished to be added to a mailing list
- **Outreach** for those willing to be contacted to provide input on outreach materials

The complete survey instrument is attached as Appendix A.

Data Collection

San Diego County Pet Event surveys were collected at 17 events throughout the county between June 18, 2011 and May 20, 2012. A total of 430 surveys were collected. A listing of individual events and the number of surveys collected at each one are shown in Table 1 on the following page.

Table 1: Completed Surveys by Event

| Event | Date | # Surveys |
|----------------------------------|--------------------|------------------|
| 4S Ranch Movies in the Park | June 18, 2011 | 16 |
| Agri-Fair | July 1, 2011 | 50 |
| 4S Ranch Movies in the Park | July 23, 2011 | 28 |
| Pine Valley Day | July 30, 2011 | 10 |
| Spring Valley Movies in the Park | August 5, 2011 | 25 |
| Lakeside Movies in the Park | August 19, 2011 | 14 |
| MITP Julian | September 10, 2011 | 13 |
| Lakeside Community Expo | September 24, 2011 | 2 |
| Bates Nut Farm | September 24, 2011 | 8 |
| Bonsall Country Festival | October 20, 2011 | 21 |
| Fallbrook Health & Fitness | October 22, 2011 | 17 |
| Go Green Day | November 19, 2011 | 31 |
| Lakeside Community Day | February 11, 2012 | 33 |
| It's How We Live | March 24, 2012 | 31 |
| East County Earth Day | April 1, 2012 | 36 |
| Fallbrook Avocado Festival | April 15, 2012 | 79 |
| Santee Pet Licensing Event | May 20, 2012 | 16 |
| TOTAL | | 430 |

Participant Characteristics

- **Gender:** Of those reporting gender ($N=426$), 26% were male and 74% were female.
- **Age:** The average age of participants was 41 ($N=398$).
- **Residency:** Of the 394 respondents who provided residency information,
 - 98% reported residence in the state of California.
 - 92% reported residence in San Diego County.
 - (North=16%, South=3%, East=45%, Central=28%)
- **Contact Information:** 45% of respondents provided an email address to be added to a mailing list.
- **Outreach:** 28% of respondents agreed to future contact to provide input on outreach materials.

Results: Item Analysis

#1: “Does the water that runs down the gutter on your street end up flowing into a storm drain?”

The first item was designed to assess knowledge regarding awareness of the presence of storm drain systems in developed areas. Two-thirds of respondents (66%) knew that the water from their gutter flows into a storm drain

Table 2: Does the water that runs down the gutter on your street end up flowing into a storm drain?

| Knowledge that gutter water enters storm drain | FY2011 N=39 | FY2012 N=430 |
|---|------------------------|-------------------------|
| Yes | 64% | 66% |
| No | 18% | 12% |
| Don’t Know | 13% | 15% |
| N/A: Does not apply to me | 5% | 7% |

#2: “Is water that passes through the storm drain system in San Diego County treated at a wastewater treatment plant or is it released into creeks or the ocean without treatment?”

The second item on the survey was designed to assess knowledge that the storm drain system is separate from the sewer system. For consistency, the item wording mirrored that used in other survey efforts in the County. Thirty-nine percent (39%) of respondents were aware that stormwater is not treated; however, the largest percentage (42%) admitted that they did not know. This finding underscores an opportunity for education and is a good question to gauge gains in knowledge and awareness over time.

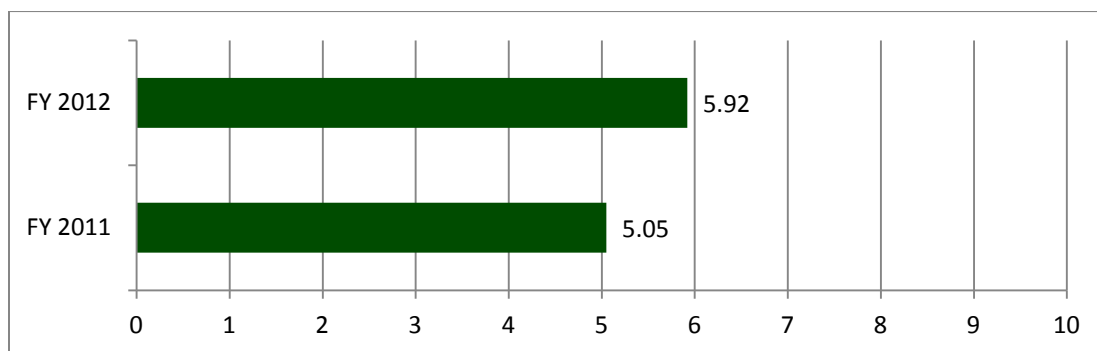
Table 3: Is water that passes through the storm drain system in San Diego County treated...?

| Is Storm Water Treated? | FY2011 N=39 | FY2012 N=430 |
|--------------------------------|------------------------|-------------------------|
| Don’t know | 46% | 42% |
| Untreated | 39% | 39% |
| Treated | 15% | 19% |

#3: “How much do you think that dog waste contributes to the pollution of local waterways?”

The third item on the survey was designed to assess the extent to which respondents were aware of the potential for dog waste to cause pollution of local waterways. Respondents were asked to rate the extent to which dog waste contributes to pollution of local waterways using a scale from 0 (not at all) to 10 (a great deal). Responses to this item were mixed with a mean score of 5.92. This is slightly higher than the FY2011 score of 5.05, but indicates that a good number of people believe that dog waste contributes moderately or not at all to pollution of waterways.

Figure 1: Pet waste as a pollutant



#4: “In your opinion, how important is it for dog owners to pick up their dog’s waste in the following situations...”

The fourth item was aimed at assessing the perceived importance of picking up pet waste in various contexts. Respondents were asked to rate the importance of picking up dog waste in five different types of locations. The rating scale was from 0 (not at all important) to 10 (extremely important). Overall, respondents gave high ratings to the importance of picking up pet waste as shown in Table 4 below. Results should continue to be observed to identify if future efforts should focus more on the proper management of dog waste on residential property.

Table 1: How important is it for dog owners to pick up their dog's waste in the following situations...?

| Situation | FY2011 N=34 | FY2012 N=430 |
|-----------------------------|----------------|-----------------|
| Public park/trail | 9.19 | 9.62 |
| Beach/Lake | 9.48 | 9.68 |
| Own property | 8.50 | 8.89 |
| Neighbor’s property | 9.09 | 9.55 |
| On sidewalk in neighborhood | 9.00 | 9.59 |

#5: “Do you have a dog? Number of dogs?”

A total of 271 participants (63%) said they did have a dog. The number of dogs owned ranged from one to eight with an average of 1.62 per respondent. This item provides important information about dog ownership in unincorporated areas of San Diego County, and allows for comparisons between single and multiple dog owners.

A subset of items (5a – 5d) was asked specifically of dog owners. The items were designed to gather self-reported information about pet waste management behaviors and were specific to behaviors on residential private property.

#5a: “In general, where does your dog usually go poop?”

Over half (60%) of respondents said that their dogs poop in an enclosed yard, followed by 23% who reported that their dogs poop while on walks. Note that respondents were allowed multiple answers to this question, so the total percentage does not equal 100.

Table 2: In general, where does your dog usually go poop?

| Where dog usually poops | FY2011 | FY2012 |
|------------------------------|--------|--------|
| Enclosed yard | 67% | 60% |
| While on walks | 31% | 23% |
| Open space on my property | 22% | 22% |
| Open space near my property | 6% | 10% |
| Other | 3% | 6% |
| Indoors (i.e. paper trained) | % | 4% |

#5b: “How often is dog waste on your property cleaned up?”

Respondents were asked to report the frequency that they pick up the dog waste on their property. Over three-fourths (83%) of respondents said they pick up once a week or more often, which includes 43% who reported that they pick it up daily. This question gives an idea of how many people are doing the right thing and also allows an opportunity for immediate (on-the-spot) education if people are unsure of the correct frequency with which they should clean up pet waste on their property. Multiple responses were allowed, so the total percentage does not equal 100.

Table 3: How often is pet waste on your property cleaned up?

| Frequency of waste pickup | FY2011 | FY2012 |
|----------------------------------|---------------|---------------|
| Daily | 38% | 43% |
| Several times a week | 14% | 24% |
| Once a week | 19% | 17% |
| Every other week | 5% | 6% |
| Monthly | 11% | 3% |
| A few times a year | 3% | 3% |
| Once a year | - | 1% |
| Never | 11% | 3% |

#5c: “Which of the following methods do you use to manage dog waste on your property?”

Respondents were asked to report the methods they use to manage the dog waste on their property. Over three-fourths (79%) of respondents reported that they place it in the trash can, followed by 10% who leave it to decompose, and 9% who reported that they compost it. Multiple responses were allowed, so percentage does not total 100. This question provides a mechanism for tracking changes in behavior over time. It also allows an opportunity for immediate feedback by correcting misperceptions and providing education about correct methods of managing pet waste.

Table 4: Which methods are used to manage dog waste on your property?

| Management of dog waste | FY2011 | FY2012 |
|-------------------------------------|---------------|---------------|
| Place in a trash can | 76% | 79% |
| Leave to decompose | 11% | 10% |
| Bury it | 11% | 4% |
| Compost it | 8% | 9% |
| Toss over fence | 5% | <1% |
| Flush down toilet | 5% | 6% |
| Hose into street | - | <1% |
| Move it to a landscaped area | - | 2% - |

#5d. “If there is ever a time when you leave the pet waste on your property longer than a week, what is the primary reason why?”

Finally, dog owners were asked a single open-ended question regarding reasons they might leave pet waste on their property longer than a week. A total of 213 people provided an answer to this question. Consistent with other research, the largest percentage of people reported that they never leave dog waste on their property longer than a week (46%). The next largest portion (16%) said that they would leave pet waste longer than a week if they were away from home or on vacation. Multiple responses were allowed.

Table 5: Reasons for leaving pet waste on property longer than a week

| 5d. Reasons for not picking up | FY2011 | FY2012 |
|--|---------------|---------------|
| No, N/A, I don't leave it | 39% | 46% |
| Away from home/vacation | 11% | 16% |
| Other | 11% | 13% |
| Lazy | 7% | 7% |
| Bad weather | 7% | 6% |
| Couldn't find or reach it, Don't know where it is | 7% | 5% |
| Not enough time, In a hurry | 7% | 6% |
| Forgot | 7% | 4% |
| Compost, Mix in with mulch | 4% | 1% |

Appendix A: Survey Instrument

SAN DIEGO COUNTY PET EVENT SURVEY

1. Does the water that runs down the gutter on your street end up flowing into a storm drain?

☐ Yes ☐ No ☐ Don't Know ☐ N/A: Does not apply to me

2. Is water that passes through the storm drain system in San Diego County treated at a wastewater treatment plant or is it released into creeks or the ocean without treatment?

☐ Treated ☐ Not Treated ☐ Don't Know

3. How much do you think that dog waste contributes to the pollution of local waterways? Check one.

☐ 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10
 Not at all A great deal

4. In your opinion, how important is it for dog owners to pick up their dog's waste in the following situations...Circle a number.

| | Not at all important | | | | | | Extremely important | | | | | |
|---------------------------------------|----------------------|---|---|---|---|---|---------------------|---|---|---|----|--|
| At a public park or trail? | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| At the beach/lake? | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| On their own property? | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| On a neighbor's property? | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| On the sidewalk in your neighborhood? | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |

5. Do you have a dog? ☐ NO → Skip to #6 ☐ YES → Number of Dogs = _____

- a. In general, where does your dog usually go poop?

☐ Enclosed yard ☐ Open space on my property ☐ Open space near my property
☐ While on walks ☐ Indoors (i.e., paper trained) ☐ Other: _____

- b. How often is the dog waste on your property cleaned up?

☐ Daily ☐ Every other week ☐ Once a year
☐ Several times a week ☐ Monthly ☐ Never
☐ Once a week ☐ A few times a year ☐ Other: _____

- c. Which of the following methods do you use to manage dog waste on your property?

Check all that apply.

☐ Leave to decompose ☐ Place in a trash can ☐ Hose into street
☐ Bury it ☐ Toss over fence ☐ Move it to a landscaped area
☐ Compost it ☐ Flush down the toilet ☐ Other: _____

- d. If there is ever a time when you leave the pet waste on your property longer than a week, what is the primary reason why?

6. Are you? ☐ Male ☐ Female Your Year of Birth? _____ City? _____ Zip Code? _____

Please clearly print your information below if you would like to be included on our mailing list:

Name _____ E-mail _____

May we contact you to ask for your opinion on outreach materials? ☐ Yes ☐ No

ATTACHEMENT 6.4

RESIDENTIAL COMPLAINTS INVENTORY

Attachment 6.4 - Residential Complaints
JURMP Annual Report FY 2011-12

| NO. | COMPLAINT NUMBER | REFERRAL SOURCE | CATEGORY | DATE RECEIVED | INVESTIGATION DATE | STREET # | STREET NAME | ZIP CODE | POLLUTANT CATEGORY | JUSTIFIED | COMPLAINT RESOLVED | DATE RESOLVED OR REFERRED | REFERRED TO | ACTION | HSU |
|-----|------------------|----------------------|-------------|---------------|--------------------|----------|-----------------------|----------|-----------------------|-----------|--------------------|---------------------------|----------------------|----------|--------|
| 1 | 2011-001593 | CITIZEN | RESIDENTIAL | 40732.40341 | REF | 0 | AGATE STREET | 0 | AUTOMOBILE FLUIDS | YES | YES | 40732 | CTY SAN DIEGO | REF | 906.3 |
| 2 | 2011-001594 | CITIZEN | RESIDENTIAL | 40735.458 | REF | 470 | TYRONE ST. | 92020 | SYNTHETIC ORGANICS | YES | YES | 40735 | CTY EL CAJON | REF | 907.13 |
| 3 | 2011-001598 | CITIZEN | RESIDENTIAL | 40737.43179 | 40739 | 11160 | VALLEY LIGHTS DR. | 92020 | CHEMICALS / PAINTS | YES | YES | 40752 | | VW | 909.21 |
| 4 | 2011-001604 | CITIZEN | RESIDENTIAL | 40742.63307 | REF | 2738 | RIBBONWOOD RD | 91905 | TRASH / DEBRIS | YES | YES | 40742 | COU DPLU CODES | REF | 722.71 |
| 5 | 2011-001611 | CITIZEN | RESIDENTIAL | 40750.41785 | 40750 | 4505 | MONAHAN RD. | 91941 | WATER | YES | YES | 40751 | | ADV | 909.21 |
| 6 | 2011-001612 | COU DPW ROADS | RESIDENTIAL | 40750.64778 | 40751 | 1225 | BALLANTYNE ST | 92021 | AUTOMOBILE FLUIDS | YES | YES | 40752 | | CW | 907.13 |
| 7 | 2011-001615 | CITIZEN | RESIDENTIAL | 40760.59466 | 40763 | 15935 | SPRING OAKS RD. | 92021 | CHEMICALS / PAINTS | YES | YES | 40766 | | VW | 907.14 |
| 8 | 2011-001616 | CITIZEN | RESIDENTIAL | 40763.39832 | 40763 | 0 | ROCKCREST DRIVE | 92040 | SEWAGE | YES | YES | 40774 | | NOV | 907.12 |
| 9 | 2011-001620 | CITIZEN | RESIDENTIAL | 40766.37381 | 40771 | 10390 | MOUNTAIN VIEW LANE | 92040 | OIL / GREASE | YES | YES | 40771 | | NOV | 907.12 |
| 10 | 2011-001628 | CITIZEN | RESIDENTIAL | 40772.62742 | 40777 | 19007 | CAESAR DR. | 92065 | TRASH / DEBRIS | YES | YES | 40827 | | VW | 905.42 |
| 11 | 2011-001638 | CITIZEN | RESIDENTIAL | 40784.4586 | REF | 1670 | DEREK WY | 91911 | AUTOMOBILE FLUIDS | YES | YES | 40784 | CTY CHULA VISTA | REF | 910.2 |
| 12 | 2011-001641 | COU DPW ROADS | RESIDENTIAL | 40786.37698 | 40792 | 9326 | WEBER CT. | 91977 | ILLCIT CONNECTION | YES | YES | 9/23/2012 | | VW | 909.12 |
| 13 | 2011-001642 | CITIZEN | RESIDENTIAL | 40788.42486 | 40788 | 1926 | QUAIL GLEN RD | 92029 | ANIMAL WASTE / MANURE | YES | YES | 11/14/2011 | | VW | 905.21 |
| 14 | 2011-001652 | CTY SAN DIEGO | RESIDENTIAL | 40793.41917 | 40793 | 9243 | BROOKSIDE CIRCLE | 91977 | WASTEWATER | YES | YES | 9/9/2011 | | CW | 909.12 |
| 15 | 2011-001661 | COU DPW ROADS | RESIDENTIAL | 40801.42788 | 40534 | 5785 | PRAY ST. | 91902 | SEDIMENT | YES | NO | ON-GOING | | ON-GOING | 909.12 |
| 16 | 2011-001679 | CITIZEN | RESIDENTIAL | 40819.39073 | REF | 0 | CABRILLO HEIGHTS PARK | 0 | WASTEWATER | YES | YES | 10/3/2011 | CTY SAN DIEGO | REF | 907.11 |
| 17 | 2011-001687 | CITIZEN | RESIDENTIAL | 40826.46751 | 40827 | 0 | CALZADA DEL BOSQUE | 0 | SEWAGE | YES | YES | 10/17/2011 | CAL DEPT FISH & GAME | REF | 905.11 |
| 18 | 2011-001691 | COU DEH L&WQ | RESIDENTIAL | 40828.65432 | 40830 | 3173 | BANCROFT DR. | 91977 | SEWAGE | YES | YES | 11/28/2012 | COU DEH L&WQ | NOV | 909.12 |
| 19 | 2011-001692 | COU DPW WPP | RESIDENTIAL | 40828.68594 | 40829 | 0 | WILLSON RD | 92019 | TRASH / DEBRIS | YES | YES | 10/20/2011 | COU DPW ROADS | NA | 909.25 |
| 20 | 2011-001697 | CITIZEN | RESIDENTIAL | 40833.37869 | REF | 4881 | ROLANDO CT. | 92115 | WATER | YES | YES | 10/17/2011 | CTY SAN DIEGO | REF | 908.22 |
| 21 | 2011-001703 | CITIZEN | RESIDENTIAL | 40837.44675 | 40837 | 3403 | HELIX ST | 91977 | SEDIMENT | YES | YES | 10/24/2011 | COU DPLU CODES | VW | 909.12 |
| 22 | 2011-001732 | CITIZEN | RESIDENTIAL | 40850.33991 | REF | 2337 | WILLOW GLEN RD | 92028 | WATER | YES | YES | 11/8/2011 | COU DPW ROADS | REF | 902.22 |
| 23 | 2011-001735 | CITIZEN | RESIDENTIAL | 40851.64532 | 40855 | 2384 | EDGEHILL RD. | 92084 | SEDIMENT | YES | YES | 1/27/2012 | | VW | 904.22 |
| 24 | 2011-001737 | COU DPW ROADS | RESIDENTIAL | 40861.37301 | 40863 | 4892 | JAPATUL SPUR | 91901 | SEDIMENT | YES | YES | 1/26/2012 | COU DPW PDCI | RI | 909.31 |
| 25 | 2011-001745 | COU DPW ROADS | RESIDENTIAL | 40876.60144 | 40878 | 3235 | LOMA DEL SOL DR. | 91902 | ANIMAL WASTE / MANURE | YES | YES | 1/6/2012 | | NOV | 909.12 |
| 26 | 2011-001746 | SAN DIEGO COASTKEEPE | RESIDENTIAL | 40877.49012 | 40882 | 19520 | VIA SHAWNTY | 91935 | ANIMAL WASTE / MANURE | YES | YES | 12/9/2011 | | ADV | 910.36 |
| 27 | 2011-001753 | CITIZEN | RESIDENTIAL | 40886.47517 | 40889 | 12067 | GAY RIO DRIVE | 92021 | CHEMICALS / PAINTS | YES | YES | 12/12/2011 | | NOV | 907.12 |
| 28 | 2011-001758 | CITIZEN | RESIDENTIAL | 40890.55572 | 40893 | 0 | WILLOW LANE | 92026 | SEDIMENT | YES | YES | 12/29/2011 | | VW | 904.62 |
| 29 | 2011-001761 | COU DPW ROADS | RESIDENTIAL | 40891.64168 | 40892 | 8842 | BONNIE JEAN PLACE | 91977 | CHEMICALS / PAINTS | YES | YES | 1/4/2012 | | VW | 909.12 |

Attachment 6.4 - Residential Complaints
JURMP Annual Report FY 2011-12

| NO. | COMPLAINT NUMBER | REFERRAL SOURCE | CATEGORY | DATE RECEIVED | INVESTIGATION DATE | STREET # | STREET NAME | ZIP CODE | POLLUTANT CATEGORY | JUSTIFIED | COMPLAINT RESOLVED | DATE RESOLVED OR REFERRED | REFERRED TO | ACTION | HSU |
|-----|------------------|-----------------|-------------|---------------|--------------------|----------|---------------------------|----------|-----------------------|-----------|--------------------|---------------------------|-------------------|--------|--------|
| 30 | 2011-001763 | CITIZEN | RESIDENTIAL | 40892.64837 | 41264 | 1610 | MONTECITO RD. | 92065 | TRASH / DEBRIS | YES | YES | 4/30/2012 | | ADV | 905.41 |
| 31 | 2011-001765 | CITIZEN | RESIDENTIAL | 40893.54894 | REF | 0 | OLD HWY 80 | 92021 | TRASH / DEBRIS | YES | YES | 12/16/2011 | COU DPW FLOOD | REF | 907.14 |
| 32 | 2011-001767 | CITIZEN | RESIDENTIAL | 40893.57933 | 40893 | 1502 | CIRCA DEL LAGO | 92078 | CHEMICALS / PAINTS | YES | YES | 12/19/2011 | | VW | 904.52 |
| 33 | 2011-001771 | CITIZEN | RESIDENTIAL | 40897.59068 | REF | 0 | DEL RIO RD | 91978 | SEDIMENT | YES | YES | 12/12/2011 | COU DPW ROADS | REF | 909.12 |
| 34 | 2012-001806 | CITIZEN | RESIDENTIAL | 40935.48189 | 40938 | 9765 | DALE AVE | 91977 | TRASH / DEBRIS | YES | YES | 3/14/2012 | | CW | 909.12 |
| 35 | 2012-001834 | COU DPW ROADS | RESIDENTIAL | 40970.41506 | 40974 | 9077 | HARNESS STREET | 91977 | TRASH / DEBRIS | YES | YES | 3/27/2012 | | VW | 909.12 |
| 36 | 2012-001839 | CITIZEN | RESIDENTIAL | 40981.31652 | REF | 3116 | CHICAGO STREET | 92117 | AUTOMOBILE FLUIDS | YES | YES | 3/13/2012 | CITY OF SAN DIEGO | REF | 906.4 |
| 37 | 2012-001857 | CITIZEN | RESIDENTIAL | 40996.47084 | REF | 4318 | VISTA CORONADO DR. | 91910 | WATER | YES | YES | 3/28/2012 | COU DPW ROADS | REF | 909.12 |
| 38 | 2012-001879 | CITIZEN | RESIDENTIAL | 41019.62558 | REF | 25055 | JESMOND DENE RD. | 92026 | SEDIMENT | YES | YES | 4/20/2012 | CTY ESCONDIDO | REF | 904.62 |
| 39 | 2012-001883 | CITIZEN | RESIDENTIAL | 41023.46824 | REF | 502 | N. FIG STREET | 92025 | ILLCIT CONNECTION | YES | YES | 4/24/2012 | CTY ESCONDIDO | REF | 904.62 |
| 40 | 2012-001887 | CITIZEN | RESIDENTIAL | 41025.59553 | 41029 | 0 | POINTE PARKWAY | 91977 | TRASH / DEBRIS | YES | YES | 6/28/2012 | COU DPW WTCRSE | REF | 909.21 |
| 41 | 2012-001892 | CITIZEN | RESIDENTIAL | 41030.62193 | REF | 0 | KNOLLWOOD & S. STAGECOACH | 92028 | OTHER | YES | YES | 5/1/2012 | COU DPW ROADS | REF | 903.12 |
| 42 | 2012-001896 | CITIZEN | RESIDENTIAL | 41037.66009 | 41040 | 8395 | SERENITY CT. | 92021 | AUTOMOBILE FLUIDS | YES | YES | 5/23/2012 | | NOV | 907.14 |
| 43 | 2012-001902 | COU OTHER | RESIDENTIAL | 41044.61858 | 41045 | 1144 | NORTH AVE | 92026 | ANIMAL WASTE / MANURE | YES | YES | 6/29/2012 | | VW | 904.62 |
| 44 | 2012-001905 | CITIZEN | RESIDENTIAL | 41037.56169 | 41038 | 9551 | SINGLE OAK DR. | 92040 | WASTEWATER | YES | YES | 5/22/2012 | | ADV | 907.12 |
| 45 | 2012-001906 | CITIZEN | RESIDENTIAL | 41045.61741 | REF | 920 | PITMAN PL. | 92027 | WATER | YES | YES | 5/16/2012 | CTY ESCONDIDO | REF | 904.62 |
| 46 | 2012-001907 | CITIZEN | RESIDENTIAL | 41050.51771 | 41052 | 13722 | I-8 BUSINESS | 92021 | IRRIGATION TAIL WATER | YES | YES | 6/13/2012 | | ADV | 907.14 |
| 47 | 2012-001909 | US EPA | RESIDENTIAL | 41051.63579 | 41052 | 9655 | LOS COCHES RD | 92040 | AUTOMOBILE FLUIDS | YES | YES | 5/30/2012 | | NOV | 907.14 |
| 48 | 2012-001910 | CITIZEN | RESIDENTIAL | 41052.55179 | 41052 | 1106 | FLAMINGO AVE | 92021 | TRASH / DEBRIS | YES | YES | | COU DPW PDCI | NOV | 907.13 |
| 49 | 2012-001916 | CITIZEN | RESIDENTIAL | 41072.55376 | 41075 | 9169.00 | LAMAR ST | 91977 | SEDIMENT | YES | YES | 6/20/2012 | | VW | 909.12 |

ATTACHEMENT 6.5

SURVEY RESULTS FOR MANURE MANAGEMENT WORKSHOPS FOR HORSE OWNERS

San Diego County Manure Management Workshop Survey Results FY 2012

DRAFT

Prepared for:

San Diego County, Department of Public Works
Watershed Protection Program

Prepared by:

Action Research
3630 Ocean Ranch Blvd.
Oceanside, CA 92056

August 17, 2012

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Project Background

As part of the County of San Diego's ongoing commitment to preventing the pollution of local waterways, the county implemented a manure management research and outreach plan to promote proper management of horse manure in unincorporated areas of San Diego County in the form of manure management workshops. An assessment instrument was developed to assess changes in knowledge, attitudes, and behavioral intention associated with attending the workshop.

Summary

There were two Manure Management Workshops held in San Diego County during FY 2012. The first one was held in Ramona on November 19, 2011 and the second was held in Spring Valley on January 14, 2012. Participants were given a pre-test, took part in the workshop, and then completed a post-test. The pre- and post-test survey instruments are attached as Appendix A. A total of 45 pre-tests and 42 post-test were collected from participants, from which there were 36 matched cases. Participant characteristics are presented from all cases and pre-/post-test analyses are presented only for matched cases.

Overall Findings

Participant Characteristics

- **Gender:** Of those reporting gender ($N=43$), 47% were male and 53% were female.
- **Age:** The average age of participants was 53 years ($N=36$).
- **Residency:** Of the 394 respondents who provided residency information,
 - 98% reported residence in the state of California.
 - 96% reported residence in San Diego County.
 - (North=15%, South=13%, East=59%, Central=8%)
- **Horse Ownership:** 51% of participants reported that they do have horses.
 - Pre-test participants reported having between 0 and 40 horses ($M=5.29$) on properties of up to 80 acres ($M=5.79$).
 - Post-test participants reported having between 0 and 100 horses ($M=8.3$) on properties of up to 80 acres ($M=6.95$).

Manure Management Behavior

On the pre-test, participants were asked about their current manure management practices such as removal frequency, disposal methods, and composting frequency. On the post-test, participants were asked a modified version of the question where they were asked to report their intentions to participate in such practices “in the future.”

Manure Removal Frequency. Among horse owners ($N=19$), there is some evidence that the workshop sparked behavioral intentions to remove manure from corrals and stalls more frequently. Prior to the workshop, 11% of horse owners reported that they currently removed manure from their property once a week or less often. Following the workshop, only 5% of horse owners said that they planned to remove manure once per week or less often

Table 1: How often is manure removed from the horse corrals or stalls on your property?

| Manure Removal Frequency | FY2011 | | FY2012 | |
|--------------------------------|--------|------|--------|------|
| | PRE | POST | PRE | POST |
| Less than once per week | 13% | 0% | 0% | 0% |
| Once per week | 19% | 7% | 11% | 5% |
| 2-3 times per week | 6% | 27% | 10% | 14% |
| 4-6 times per week | 0% | 0% | 0% | 5% |
| Daily | 38% | 53% | 79% | 74% |
| Other | 25% | 13% | 0% | 5% |

Manure Disposal Practices. Among horse owners ($N=20$), the workshop led to positive behavioral intentions to manage manure by composting. Prior to the workshop, 16% of horse owners said that they currently composted. Following the workshop, 90% said that in the future they planned to manage the manure generated on their property by composting. Note that multiple responses were allowed, so totals do not equal 100%.

Table 2: How do you dispose of the manure generated on your property?

| Manure Removal Frequency | FY2011 | | FY2012 | |
|-------------------------------------|--------|------|------------|------------|
| | PRE | POST | PRE | POST |
| Compost | 50% | 87% | 16% | 90% |
| Send to landfill | 25% | 25% | 37% | 5% |
| Give it away | 19% | 6% | 10% | 15% |
| Pile it up (not for compost) | 6% | 0% | 19% | 0% |
| Apply to land | 44% | 31% | 26% | 15% |
| Other | 6% | 0% | 28% | 15% |

Quantity of Manure Composted. On the pre-test, participants were asked to report how much of the manure generated by their horses was managed by composting. On the post-test, participants were asked, “*in the future, how much of the manure generated by your horse(s) do you plan on managing by composting?*” Responses were made on a scale from 0 (none) to 10 (all). Results indicate that the workshop promoted positive behavioral intentions regarding the amount of manure that would be managed through composting.

- **Pre.** At pre-test, the average amount of manure that was currently composted by all participants was 2.75 on the scale from 0 (none) to 10 (all).
- **Post.** Following the workshop, the average amount of manure that participants planned to compost was 8.06 on the scale from 0 (none) to 10 (all).

Knowledge and Awareness about Stormwater Pollution

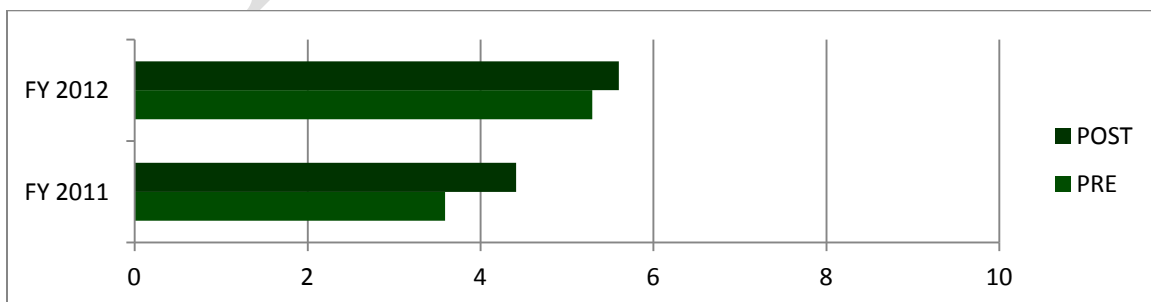
Is Stormwater Treated? Participants were asked to report whether water that passes through the storm drain system in San Diego is treated at a wastewater treatment plant, or if it is released into creeks or the ocean without treatment. Valid responses were “Treated,” “Not treated,” or “Don’t Know.” Across all participants (not just horse owners), results showed high baseline knowledge of the concept that stormwater is not treated before being released.

Table 3: Is water that passes through the storm drain system treated or not?

| Is Stormwater Treated? | FY2011 | | FY2012 | |
|------------------------|--------|------|--------|------|
| | PRE | POST | PRE | POST |
| Not treated | 65% | 71% | 56% | 91% |
| Treated | 4% | 14% | 16% | 6% |
| Don’t know | 31% | 14% | 28% | 3% |

Perception of Manure as Pollutant. Participants were asked to rate the extent to which they believed that horse manure contributes to pollution of local waterways using a scale from 0 (not at all) to 10 (a great deal). Overall, workshop participants believed that horse manure was a moderate contributor to pollution rating it slightly lower than the mid-point on the 0 – 10 scale. Although perceptions increased slightly following the workshop, the difference was not statistically significant.

Figure 1: How much do you think that horse manure contributes to pollution?



Perceived Barriers and Benefits to Composting Horse Manure

Perceptions about Composting. Participants were asked to rate their perceptions about composting horse manure across a variety of dimensions. All responses were made on a scale from 0 to 10, but the anchors of the scale changed as a function of the construct being measured. Table 5 below shows aggregate results from all participants (FY2011 and FY2012), whereas Table 6 below shows FY2012 results grouped by whether or not participants were horse owners. Overall results showed that:

- Participants perceived composting manure to be **much less difficult** following the workshop compared to pre-test.
- Participants provided **high ratings regarding the importance** of composting both before and after the workshop.
- Following the workshop, participants perceived composting manure to be **significantly less common** in their community compared to pre-test.
- Both before and after the workshop, participants provided **high ratings regarding composting being healthy for horses**.

Table 5: Composting the manure from my horse(s) seems...

| Construct | Scale Anchors | FY2011 | | FY2012 | |
|---------------------------|-------------------------------|--------|------|--------|------|
| | | PRE | POST | PRE | POST |
| DIFFICULT | (0=Easy; 10=Difficult) | 3.11 | 2.05 | 3.97 | 2.26 |
| IMPORTANT | (0=Unimportant; 10=Important) | 8.30 | 8.85 | 8.29 | 9.06 |
| COMMON | (0=Uncommon; 10=Common) | 3.24 | 6.76 | 6.37 | 5.03 |
| HEALTHY FOR HORSES | (0=Unhealthy; 10=Healthy) | 8.27 | 8.93 | 8.13 | 9.42 |

Table 6: Composting the manure from my horse(s) seems... (FY2012 grouped by horse ownership)

| Construct | Scale Anchors | Non horse owners | | Horse owners | |
|---------------------------|-------------------------------|------------------|------|--------------|------|
| | | PRE | POST | PRE | POST |
| DIFFICULT | (0=Easy; 10=Difficult) | 3.23 | 2.08 | 4.45 | 2.38 |
| IMPORTANT | (0=Unimportant; 10=Important) | 8.92 | 9.38 | 7.90 | 8.86 |
| COMMON | (0=Uncommon; 10=Common) | 6.00 | 5.77 | 6.61 | 4.53 |
| HEALTHY FOR HORSES | (0=Unhealthy; 10=Healthy) | 8.62 | 9.23 | 7.76 | 9.55 |

Benefits of Composting. Both before and after the workshop, participants were asked, “*How could you benefit from composting the manure on your property?*” A range of responses were provided on both the pre- and post-tests including: use on property, fly/vector control, fertilizer/soil amendment, generate income, and reduced manure volume.

Barriers to Composting. Both before and after the workshop, participants were asked, “*Is there anything that would make it difficult for you to compost the manure on your property?*” A range of responses were provided on both the pre- and post-tests including: worry about smell and/or flies, need for space, and labor/equipment needs.

Appendix A: Pre/Post Test

First Name: _____ Last Initial: _____

PRE

San Diego County Manure Composting Survey - Summer 2011

1. What town or community do you live in? _____

| | | |
|--|--|---|
| 2. How often is manure removed from the horse corrals or stalls on your property? Check one. | <input type="checkbox"/> Less than once per week | <input type="checkbox"/> 4-6 times per week |
| | <input type="checkbox"/> Once per week | <input type="checkbox"/> Daily |
| | <input type="checkbox"/> 2-3 times per week | <input type="checkbox"/> Other: _____ |
| 3. How do you dispose of the manure generated on your property? Check all that apply. | <input type="checkbox"/> Compost | <input type="checkbox"/> Pile it up (not for compost) |
| | <input type="checkbox"/> Send to landfill | <input type="checkbox"/> Apply to land |
| | <input type="checkbox"/> Give it away | <input type="checkbox"/> Other: _____ |

4. Currently, how much of the manure generated by your horse(s) do you manage by composting?

| | | | | | | | | | | |
|------|---|---|---|---|------|---|---|---|---|-----|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| None | | | | | Half | | | | | All |

5. Is water that passes through the storm drain system in San Diego County treated at a wastewater treatment plant, or is it released into creeks or the ocean without treatment?

| | | |
|----------------------------------|--------------------------------------|-------------------------------------|
| <input type="checkbox"/> Treated | <input type="checkbox"/> Not Treated | <input type="checkbox"/> Don't Know |
|----------------------------------|--------------------------------------|-------------------------------------|

6. How much do you think that horse manure contributes to pollution of local waterways? Circle one.

| | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|--------------|---|----|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Not at all | | | | | | | | A great deal | | |

7a. Composting the manure from my horse(s) seems...

| | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|-----------------|---|----|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Easy to me | | | | | | | | Difficult to me | | |

7b. Composting the manure from my horse(s) seems...

| | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|-----------------|---|----|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Unimportant to me | | | | | | | | Important to me | | |

7c. Composting the manure from my horse(s) seems...

| | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|--------------------------|---|----|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Common in my community | | | | | | | | Uncommon in my community | | |

7d. Composting the manure from my horse(s) seems...

| | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|-------------------------|---|----|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Unhealthy for my horse(s) | | | | | | | | Healthy for my horse(s) | | |

8. How could you benefit from composting the manure on your property?

9. Is there anything that would make it difficult for you to compost the manure on your property?

10. For classification purposes, please provide the following information:

Gender: ☐ Male ☐ Female Zip Code: _____ Year of Birth: _____

Number of horses on property: _____ Property Acreage: _____

First Name: _____ Last Initial: _____

POST

San Diego County Manure Composting Survey - Summer 2011

| | | | |
|-----|--|---|--|
| 1. | In the future, how often do you plan to remove manure from the horse corrals or stalls on your property? Check one. | <input type="checkbox"/> Less than once per week <input type="checkbox"/> Once per week <input type="checkbox"/> 2-3 times per week | <input type="checkbox"/> 4-6 times per week <input type="checkbox"/> Daily <input type="checkbox"/> Other: _____ |
| 2. | In the future, how do you plan to dispose of the manure generated on your property? Check all that apply. | <input type="checkbox"/> Compost <input type="checkbox"/> Send to landfill <input type="checkbox"/> Give it away | <input type="checkbox"/> Pile it up (not for compost) <input type="checkbox"/> Apply to land <input type="checkbox"/> Other: _____ |
| 3. | In the future, how much of the manure generated by your horse(s) do you plan on managing by composting? | 0 1 2 3 4 5 6 7 8 9 10 None Half All | |
| 4. | Is water that passes through the storm drain system in San Diego County treated at a wastewater treatment plant, or is it released into creeks or the ocean without treatment? | <input type="checkbox"/> Treated | <input type="checkbox"/> Not Treated <input type="checkbox"/> Don't Know |
| 5. | How much do you think that horse manure contributes to pollution of local waterways? Circle one. | 0 1 2 3 4 5 6 7 8 9 10 Not at all A great deal | |
| 6a. | Composting the manure from my horse(s) seems... | 0 1 2 3 4 5 6 7 8 9 10 Easy to me Difficult to me | |
| 6b. | Composting the manure from my horse(s) seems... | 0 1 2 3 4 5 6 7 8 9 10 Unimportant to me Important to me | |
| 6c. | Composting the manure from my horse(s) seems... | 0 1 2 3 4 5 6 7 8 9 10 Uncommon in my community Common in my community | |
| 6d. | Composting the manure from my horse(s) seems... | 0 1 2 3 4 5 6 7 8 9 10 Unhealthy for my horse(s) Healthy for my horse(s) | |
| 7. | How could you benefit from composting the manure on your property? <div style="border: 1px solid black; height: 30px; width: 100%;"></div> | | |
| 8. | Is there anything that would make it difficult for you to compost the manure on your property? <div style="border: 1px solid black; height: 30px; width: 100%;"></div> | | |
| 9. | For classification purposes, please provide the following information: | | |
| | Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female | Zip Code: _____ | Year of Birth: _____ |
| | Number of horses on property: _____ Property Acreage: _____ | | |