

# DECISION PAPER



Date: March 6, 2018

## Issue:

Make repairs per inspections for compliance, replace expired VGB Drain covers, and implement overdue pool repairs at each body of water located at Trout Creek Recreation Pool, Kiddy Pool and Covered Spa.

## Background:

TDA pools were last plastered in 2005 and 2007, industry standard is 7-10 years for pools and 3-5 years for spas. This included select tile repairs, and coping. New drain covers were installed in September 2008 to meet requirements per new Health and Safety Code Sections 116064.1 and 116064.2. Please also reference Public Law 110-140 December 19, 2007 as printed in the Federal Register. Historically, all pool maintenance and repairs were contracted to Truckee River Tub, with TDA staff taking the lead in 2014 on mechanical room repairs. Major pool repairs require a licensed pool contractor. Recent County inspections have identified that existing drain covers have expired and require replacement prior to their next inspection as well as correcting other violations and meeting code compliance. Staff has been able to delay the County enforcement with the promise of a project to update and correct these items. Included in the approved Reserve Study, all bodies of water have been tentatively scheduled for necessary upgrades and repairs, commencing in the Fall of 2017, and finishing with a second phase in the Fall of 2018. Fall is the best time to drain pools due to the dry subsoil. The Project was split up as a phased approach to keep some pools open to meet members' expectations and service levels. Phase 1 which was completed in the Fall of 2017 included the Northwoods Clubhouse Pool, Trout Creek Recreation Center Lap pool, and Spas 1 & 2. The Recreation Pool, Covered Spa and Kiddy pool are scheduled for the Fall of 2018 as Phase 2. See attached project scope.

A Request for Proposal (RFP) was distributed to qualified contractors in 2017 outlining necessary project scope and schedules. One response was received from Burkett's Pool Plastering Inc. Phase 1 was completed in 2017. Phase 2 would begin in the Fall of 2018, with a budget not to exceed \$292,445.

## Options:

1. Staff recommends approval to contract with Burkett's Pool Plastering Inc. to perform the necessary repairs in Fall of 2018 with a budget not to exceed \$292,445, utilizing Replacement Reserve Capital Funds.
2. Do Nothing. This is not recommended for 2 reasons;
  - a. The County of Nevada Community Development Agency Environmental Health Department could close the pools due to lack of compliance. (There is a precedent;

# DECISION PAPER



- the Health Department closed the pools at Squaw Creek Villas in 2009 due to VGB Drain covers not being installed.)
- b. The risk liability for Tahoe Donner Association in the event an incident.

## Recommendation:

Staff recommends the Board of Directors consider approving Option 1; Staff recommends approval to contract with Burkett's Pool Plastering Inc. to perform the necessary repairs in Fall of 2018 with a budget not to exceed \$292,445, utilizing Replacement Reserve Capital Funds.

Prepared By: Sean Connors / Brian Yohn *sy*

Reviewed By: Forrest Huisman *FH*

Reviewed By: Michael Salmon *MS*

Board Meeting Date:

General Manager Approval to place on agenda: *BSH*

Date: *5/17/18*

# DECISION PAPER



## INDEX:

- Summary – Budgets vs Bids. Details per pool. 1 pg.
- Pools locations – Details per pool - 2 pgs.
- Project scope per pool/spa including photos and Drain Cover Surveys - 29 pgs.
- Burkett's Pool Plastering quote – Trout Creek Pools & Spas - 7 pgs.
- Description of recommended Luna Quartz Polar White plaster – 1 pg.
- Burkett's - Benefits and values – background 4 pgs.
- County of Nevada Community Development Agency Environmental Health Dept. – Email Correspondence with Nicole Johnson regarding expired VGB Drain Covers– 5 pgs.
- County of Nevada Community Development Agency Environmental Health Dept. – Trout Creek Recreation Center Pool Inspection 8/1/17 – 3 pgs.
- County of Nevada – Pool & Spa Renovation Worksheet – to be completed by contractor – 2 pgs.
- County of Nevada – Anti-Entrapment Devices and Systems for Public Pools & Spas – to be completed by contractor – 4 pgs.
- Aqua Star – Compliant Drain Covers – 4 pgs.
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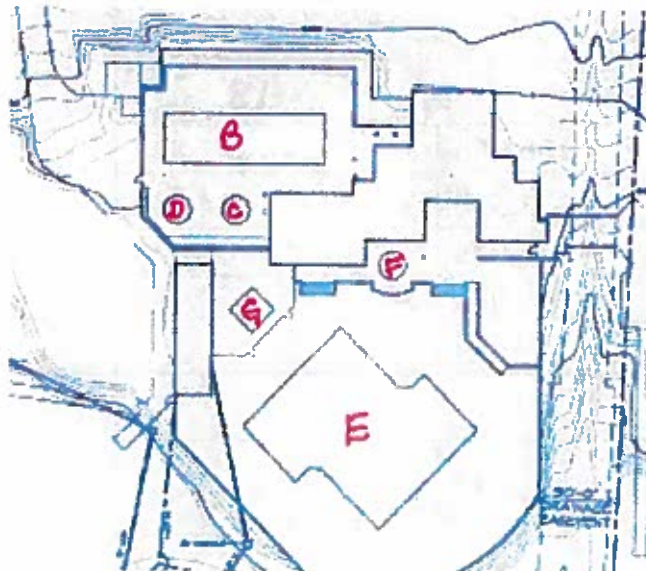


TROUT CREEK POOLS & SPAS - Components	Location	Type	2018 Planned Month	2018 BUDGET
Rec Pool - Plaster, Permit, VGB Drain Covers	Trout Creek POOLSPA	C	10	118,509
Rec Pool - Coping + Tile	Trout Creek POOLSPA	C	10	73,399
Rec Pool - Skimmers	Trout Creek POOLSPA	C	10	30,733
Rec Pool - Grabrails (4)	Trout Creek POOLSPA	C	10	14,325
Rec Pool - Handrails (5)	Trout Creek POOLSPA	C	10	5,873
Rec Pool - Lighting	Trout Creek POOLSPA	C	10	12,836
Kiddy Pool - Plaster, Permit, VGB Drain Covers	Trout Creek POOLSPA	C	04	15,184
Kiddy - Coping + Tile	Trout Creek POOLSPA	C	04	11,409
Kiddy Pool - Skimmers	Trout Creek POOLSPA	C	04	2,035
Covered Spa - Plaster, Permit, VGB Drain Covers	Trout Creek POOLSPA	C	04	12,249
Covered Spa - Coping & Tile	Trout Creek POOLSPA	C	04	10,652
Covered Spa - Skimmers	Trout Creek POOLSPA	C	04	2,574
Covered Spa - Entry Rails	Trout Creek POOLSPA	C	04	2,340
Covered Spa - Lighting	Trout Creek POOLSPA	C	04	2,106
Total components budget				<b>314,226</b>
Burketts Bid				<b>254,300</b>
Available funds				<b>59,926</b>

<b>Burketts Bid</b>	\$	<b>254,300.00</b>
<b>15% Contingency</b>	\$	<b>38,145.00</b>
<b>2018-02-09 DP - Phase 2 Project</b>	\$	<b>292,445.00</b>
<b>Available budget in Replacement Reserves</b>	\$	<b>314,225.53</b>
<b>Available funds in the event contingency is used up</b>	\$	<b>21,780.53</b>
<b>The available funds and contingency are 23.5% of the bid or \$59,926</b>		



### Trout Creek Recreation Center



### Northwoods Clubhouse Pool



Northwoods Pool Repairs and upgrades 2017 - A					
	Budget	Bid	Contingency	Total Project	Variance
	\$ 87,186	\$ 102,825	\$ 15,424	\$ 118,249	\$ 31,063
Components over budget:					
Leak Detection Service	\$ -	\$ 2,400	\$ 360	\$ 2,760	\$ 2,760
Pool Plaster, Coping, Lighting	\$ 87,186	\$ 100,425	\$ 15,064	\$ 115,489	\$ 28,303
<b>2017 DP</b>					<b>\$31,063</b>

Lap Pool Repairs and upgrades 2017 - B					
	Budget	Bid	Contingency	Total Project	Variance
	\$ 76,640	\$ 85,900	\$ 12,885	\$ 98,785	\$ 22,145
Components over budget:					
Leak Detection Service	\$ -	\$ 1,500	\$ 225	\$ 1,725	\$ 1,725
Coping, Lighting	\$ 76,640	\$ 84,400	\$ 12,660	\$ 97,060	\$ 20,420
<b>2017 DP</b>					<b>\$22,145</b>



<b>Spa 1 Repairs and upgrades 2017 - C</b>					
	Budget	Bid	Contingency	Total Project	Variance
	\$ 18,174	\$ 29,900	\$ 4,485	\$ 34,385	\$ 16,211
<b>Components over budget:</b>					
Leak Detection Repairs	\$ -	\$ 3,800	\$ 570	\$ 4,370	\$ 4,370
Coping, Handrails, Lighting	\$ 18,174	\$ 26,100	\$ 3,915	\$ 30,015	\$ 11,841
<b>2017 DP</b>					<b>\$ 16,211</b>

<b>Spa 2 Repairs and upgrades 2017 - D</b>					
	Budget	Bid	Contingency	Total Project	Variance
	\$ 4,050	\$ 10,075	\$ 1,511	\$ 11,586	\$ 7,536
<b>Components over budget:</b>					
Leak Detection Service	\$ -	\$ 925	\$ 139	\$ 1,064	\$ 1,064
Pool Plaster, Handrails, Lighting	\$ 4,050	\$ 9,150	\$ 1,373	\$ 10,523	\$ 6,473
<b>2017 DP</b>					<b>\$ 7,536</b>

<b>Recreation Pool Repairs and upgrades 2018 - E</b>					
	Budget	Bid	Contingency	Total Project	Variance
	\$ 239,488	\$ 208,250	\$ 31,238	\$ 239,488	\$ -
<b>Components over budget:</b>					
Leak Detection Service 2017	\$ -	\$ 3,000	\$ 450	\$ 3,450	\$ 3,450
<b>2017 DP</b>					<b>\$ 3,450</b>

<b>Covered Spa Repairs and upgrades 2018 - F</b>					
	Budget	Bid	Contingency	Total Project	Variance
	\$ 32,902	\$ 26,175	\$ 3,926	\$ 30,101	\$ -
<b>Components over budget:</b>					
Leak Detection Service 2017	\$ -	\$ 925	\$ 139	\$ 1,064	\$ 1,064
<b>2017 DP</b>					<b>\$ 1,064</b>

<b>Kiddy Pool Repairs and upgrades 2018 - G</b>					
	Budget	Bid	Contingency	Total Project	Variance
	\$ 28,434	\$ 24,725	\$ 3,709	\$ 28,434	\$ -
<b>Components over budget:</b>					
Leak Detection Service 2017	\$ -	\$ 925	\$ 139	\$ 1,064	\$ 1,064
<b>2017 DP</b>					<b>\$ 1,064</b>

# IMPROVEMENTS AT:

## TAHOE DONNER POOLS 2018 – PHASE 2



### TROUT CREEK REC CENTER - RECREATION POOL - E



#### Project Scope;

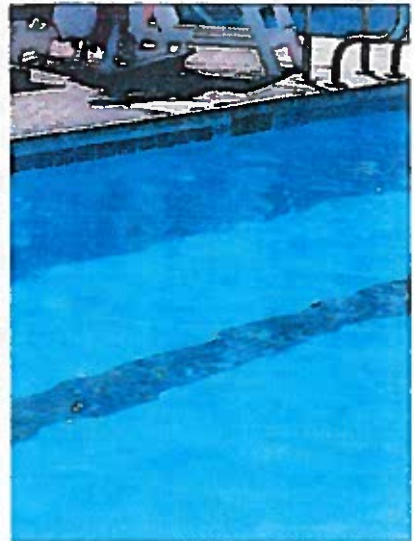
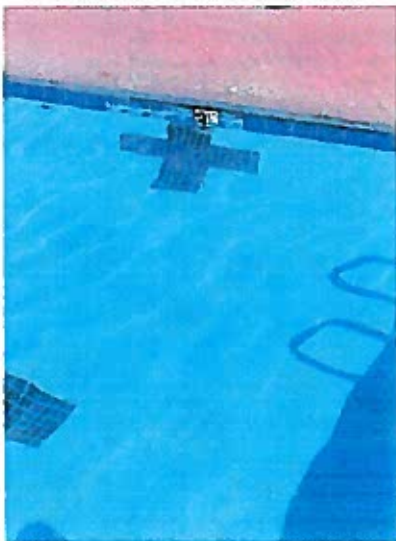
1. Permit from County Environmental Health Department
2. Drain pool to approved cleanout and drill relief holes
3. Strip existing plaster back to original gunite shell and haul away debris
4. Saw cut concrete decking, remove and replace existing skimmers – 12 total
5. Install commercial nonskid trim tile at entry steps and bench per code
6. Install new commercial nonskid tile at racing lanes and targets 2x2 black
7. Remove and replace existing waterline tile with new 6x6 tile per code
8. Remove and replace existing coping with new safety grip precast coping. Includes mastic expansion joint between new coping and existing concrete decking
9. Saw cut concrete decking, supply and install new commercial nonskid deck markers
10. Saw cut concrete decking, supply and install new commercial NO DIVE deck markers
11. Remove and replace existing pool lights with new commercial white LED white lights
12. Supply and install new commercial 3 bend entry rails at pool shallow end entry steps per code – 5 total
13. Plaster spa with 2 coats of premium 100% white quartz finish, comes with a 5-year warranty
14. New VGB compliant drain covers installed at time of plaster per code – AB1020 paperwork submitted
15. Leak Detection Service – Performed in 2017

**Trout Creek Recreation Center – Recreation Pool – E**

**Spalled concrete at handrails**



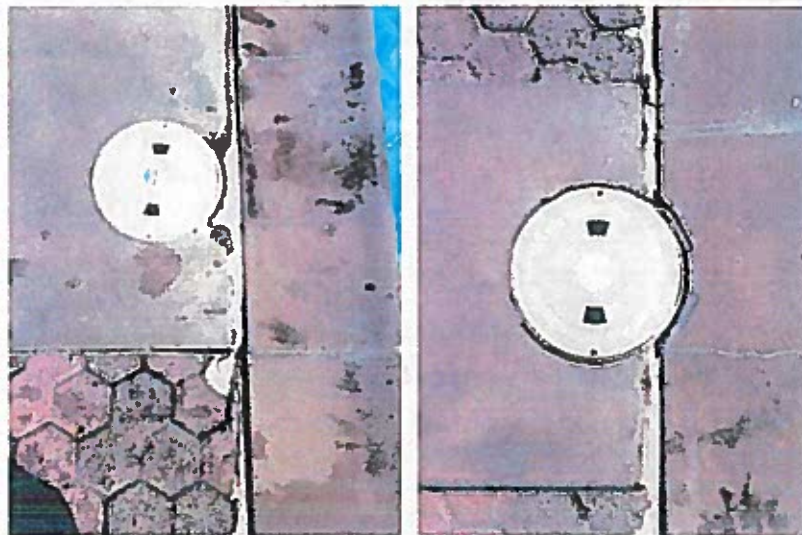
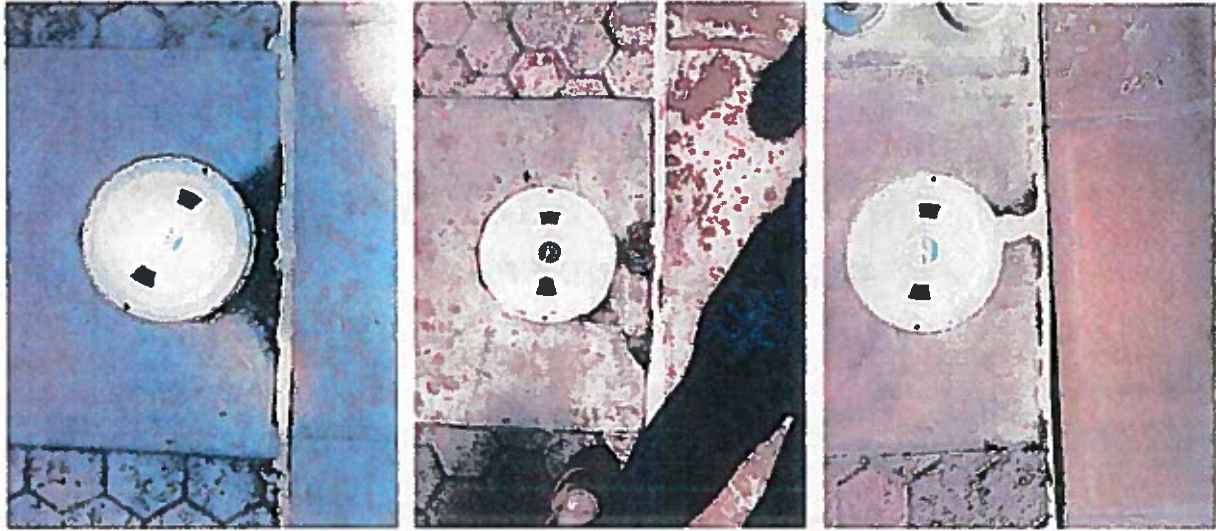
**Blue Tiles that have been replaced due to the old tiles failing and falling out**





# Trout Creek Recreation Center – Recreation Pool – E

Skimmers – various photos of cracked and spalled concrete



Deck Marker missing





**COUNTY OF NEVADA**  
**COMMUNITY DEVELOPMENT AGENCY**

Sean Powers, Director

**ENVIRONMENTAL HEALTH DEPARTMENT**  
Amy Irani, REHS, Director

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**DRAIN COVER SURVEY**  
**FOR POOLS AND SPAS**

Date: 08/24/17

Facility Name: TEQUI CREEK REC CENTER / RECREATION POOL

Facility Address: 12790 NOLTHAVEN WICKS BLVD  
PRUNCE (CA 96161)

**POOL**

Main Drain System:  Dual Main Drain or  Single Main Drain

▪ Manufacturer of Drain Cover: AQUA-STAR

Drain Cover Part or Model Number: W119-XXX

Life Span: 5 yrs

▪ Manufacturer of Drain Cover: AQUA-STAR

Drain Cover Part or Model Number: W119-XXX

Life Span: 5 yrs

**SPA**

Main Drain System:  Dual Main Drain or  Single Main Drain

▪ Manufacturer of Drain Cover: \_\_\_\_\_

Drain Cover Part or Model Number: \_\_\_\_\_

Life Span: \_\_\_\_\_

▪ Manufacturer of Drain Cover: \_\_\_\_\_

Drain Cover Part or Model Number: \_\_\_\_\_

Life Span: \_\_\_\_\_

**Skimmer Equalizers**

▪ Manufacturer of Equalizer Cover: AQUA-STAR

Equalizer Cover Part or Model Number: BHP-XXX

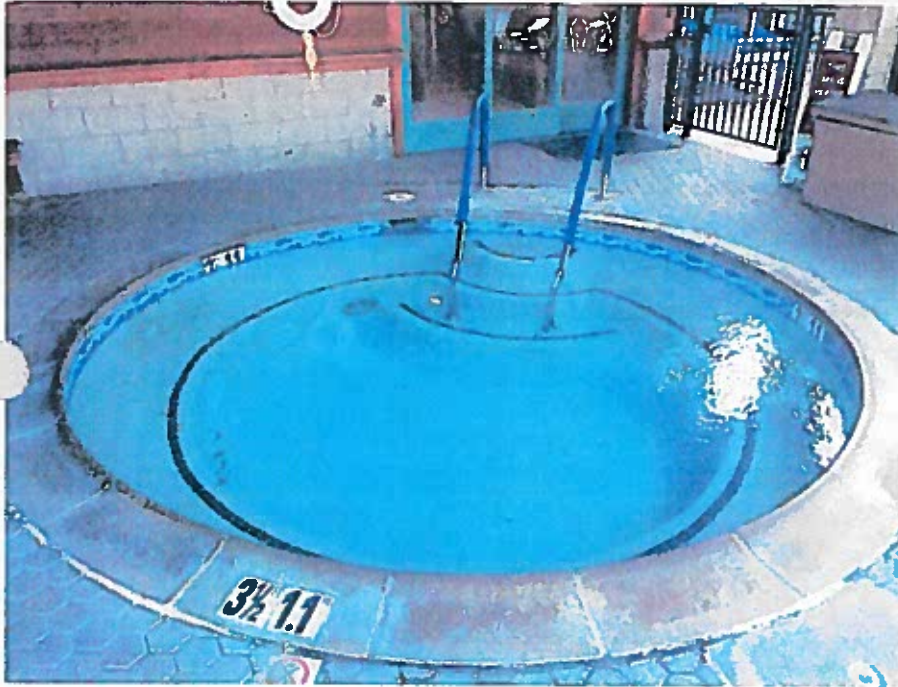
Life Span: \_\_\_\_\_

# IMPROVEMENTS AT:

**TAHOE DONNER POOLS**

**2018 – PHASE 2**

**TROUT CREEK REC CENTER – COVERED SPA - F**

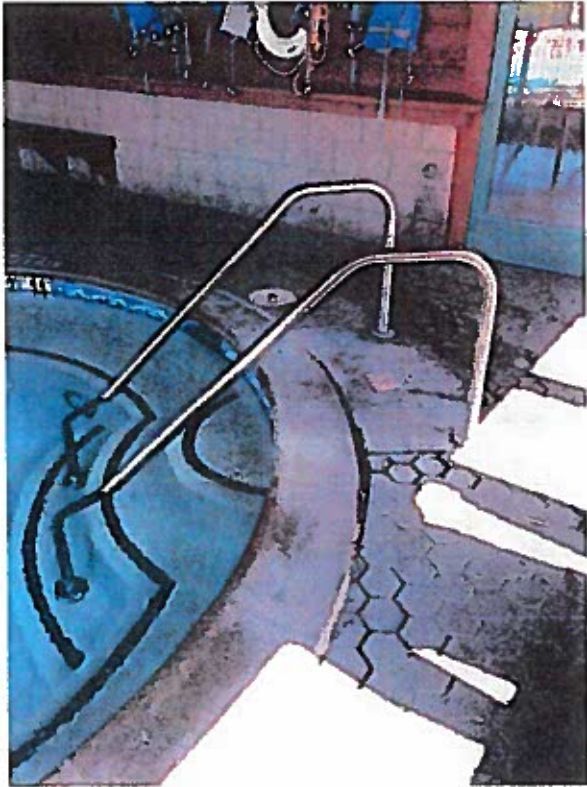


## **Project Scope;**

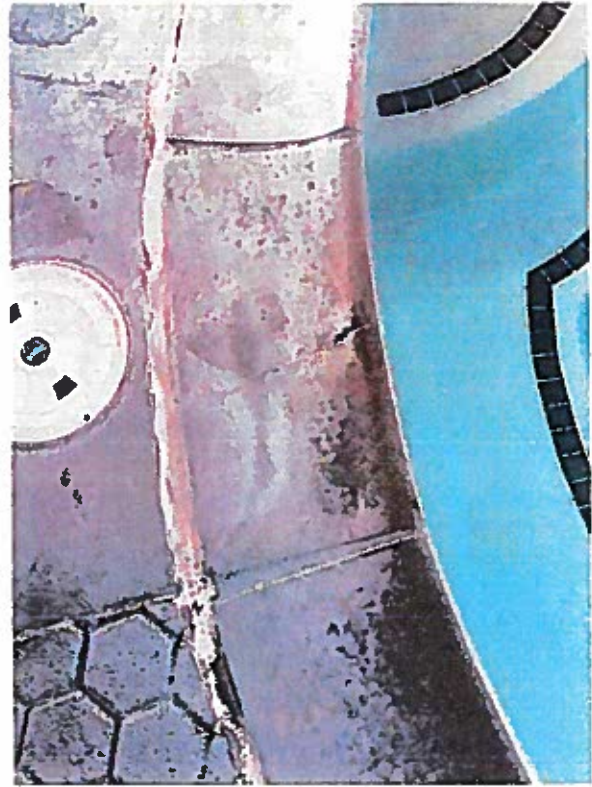
1. Permit from County Environmental Health Department
2. Drain pool to approved cleanout and drill relief holes
3. Strip existing plaster back to original gunite shell and haul away debris
4. Reconfigure existing entry steps at spa entry steps to meet code
5. Saw cut concrete decking, remove and replace existing skimmer
6. Install commercial nonskid trim tile at entry steps and bench per code
7. Remove and replace existing waterline tile with new 6x6 tile per code
8. Remove and replace existing coping with new safety grip precast coping. Includes mastic expansion joint between new coping and existing concrete decking
9. Install new commercial nonskid tile mosaic at spa entry showing Covered Spa
10. Saw cut concrete decking, supply and install new commercial nonskid deck markers
11. Saw cut concrete decking, supply and install new commercial NO DIVE deck markers
12. Supply and install new commercial 3 bend entry rails at spa entry steps per code
13. Remove and replace existing spa lights with new commercial white LED white lights – 2 total
14. Plaster spa with 2 coats of premium 100% white quartz finish, comes with a 5-year warranty
15. New VGB compliant drain covers installed at time of plaster per code – AB1020 paperwork submitted
16. Leak Detection Service – Performed in 2017

# Trout Creek Recreation Center – Covered Spa – F

Handrails not to code



Cracked Coping

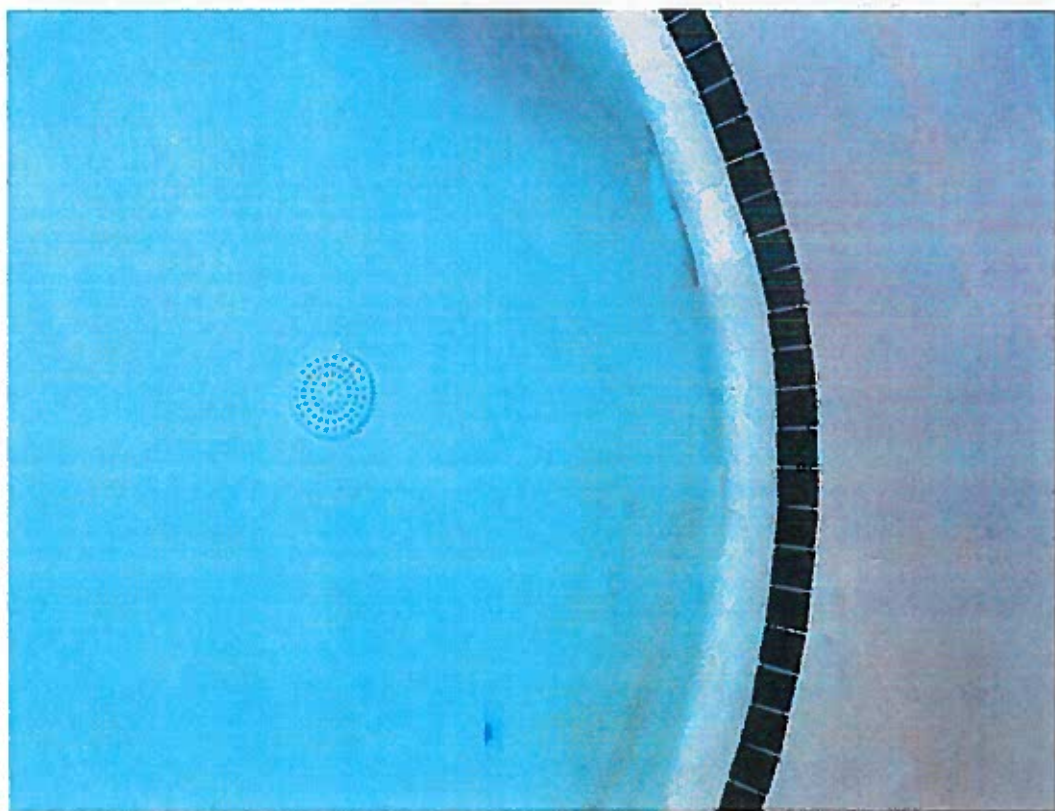
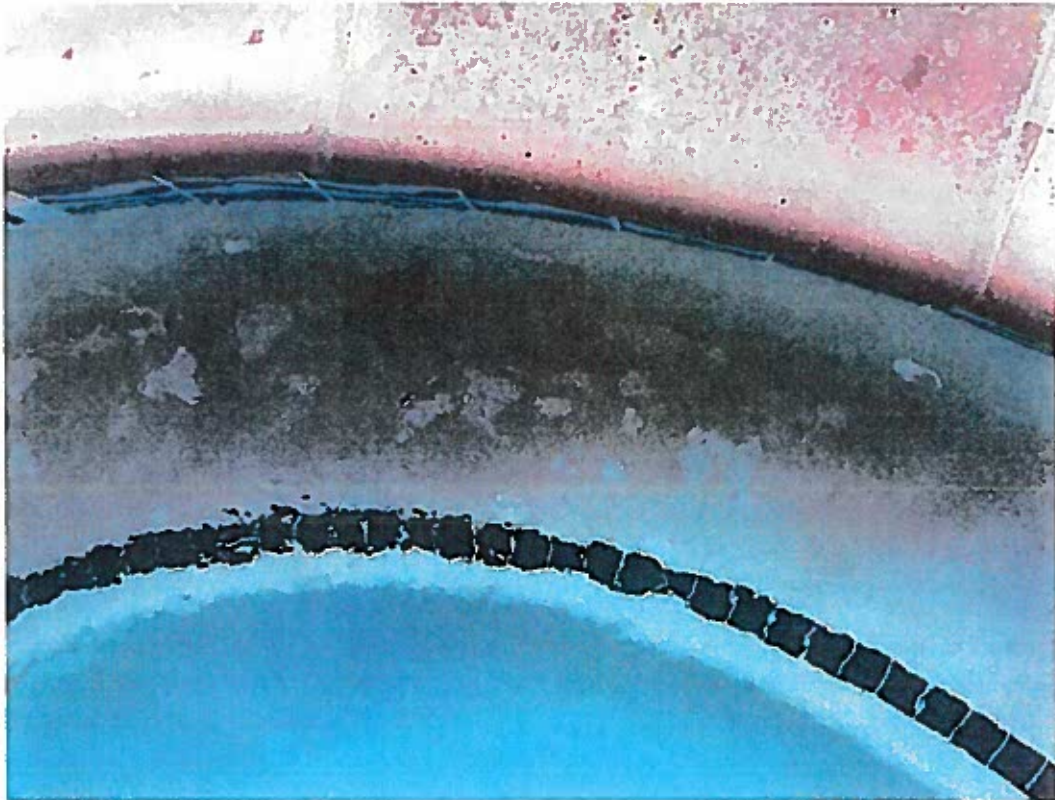


Staining & pitting of Plaster



# Trout Creek Recreation Center – Covered Spa – F

## Staining & pitting of Plaster





**COUNTY OF NEVADA  
COMMUNITY DEVELOPMENT AGENCY**

Sean Powers, Director

**ENVIRONMENTAL HEALTH DEPARTMENT**  
Amy Irani, REHS, Director

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**DRAIN COVER SURVEY  
FOR POOLS AND SPAS**

Date: 08/24/17

Facility Name: TROUT CREEK / COVERED SPA

Facility Address: 12799 NORTH WINDS BLVD  
TRUCKEE, CA 96161

**POOL**

Main Drain System:  Dual Main Drain or  Single Main Drain

▪ Manufacturer of Drain Cover: \_\_\_\_\_

Drain Cover Part or Model Number: \_\_\_\_\_

Life Span: \_\_\_\_\_

▪ Manufacturer of Drain Cover: \_\_\_\_\_

Drain Cover Part or Model Number: \_\_\_\_\_

Life Span: \_\_\_\_\_

**SPA**

Main Drain System:  Dual Main Drain or  Single Main Drain

▪ Manufacturer of Drain Cover: WATERWAY

Drain Cover Part or Model Number: 640-231XV

Life Span: 7 YRS

▪ Manufacturer of Drain Cover: WATERWAY

Drain Cover Part or Model Number: 640-231XV

Life Span: 7 YRS

**Skimmer Equalizers**

▪ Manufacturer of Equalizer Cover: AQUA-STAR / PARAMOUNT 10"

Equalizer Cover Part or Model Number: 10-AV

Life Span: 5 YRS

~~PARAMOUNT 10"~~  
~~10-AV~~  
5 YRS.

MODEL 11  
005-252-2087-XV

# IMPROVEMENTS AT:

**TAHOE DONNER POOLS**

**2018 - PHASE 2**

**TROUT CREEK REC CENTER - KIDDY POOL - G**



## Project Scope;

1. Permit from County Environmental Health Department
2. Drain pool to approved cleanout and drill relief holes
3. Strip existing plaster back to original gunite shell and haul away debris
4. Saw cut concrete decking, remove and replace existing skimmer
5. Saw cut wall at existing skimmer equalizer lines and move existing line to floor per code.
6. Remove and replace existing waterline tile with new 6x6 tile per code
7. Remove and replace existing coping with new safety grip precast coping. Includes mastic expansion joint between new coping and existing concrete decking
8. Saw cut concrete decking, supply and install new commercial nonskid deck markers
9. Saw cut concrete decking, supply and install new commercial NO DIVE deck markers
10. Plaster spa with 2 coats of premium 100% white quartz finish, comes with a 5-year warranty
11. New VGB compliant drain covers installed at time of plaster per code – AB1020 paperwork submitted
12. Leak Detection Service – Performed in 2017

# Trout Creek Recreation Center – Kiddy Pool – G

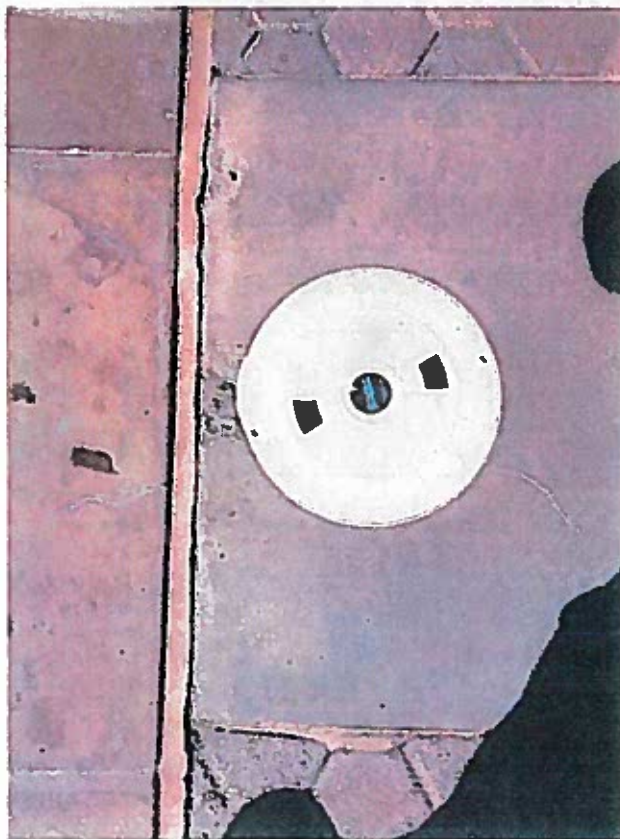
## Staining & pitting of Plaster





# Trout Creek Recreation Center – Kiddy Pool – G

## Skimmer – Concrete spalling





**COUNTY OF NEVADA**  
**COMMUNITY DEVELOPMENT AGENCY**

Sean Powers, Director

**ENVIRONMENTAL HEALTH DEPARTMENT**  
 Amy Irani, REHS, Director

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**DRAIN COVER SURVEY**  
**FOR POOLS AND SPAS**

Date: 08/24/17

Facility Name: TRUJET CREEK / KIDDIE POOL

Facility Address: 12790 NORTHWOODS BLVD  
TRUCKEE, CA 96161

**POOL**

Main Drain System:  Dual Main Drain or  Single Main Drain

▪ Manufacturer of Drain Cover: ARJA - STAG  
 Drain Cover Part or Model Number: 10-AU

Life Span: 5 yrs.

▪ Manufacturer of Drain Cover: ARJA - STAG  
 Drain Cover Part or Model Number: 10-AU

Life Span: 5 yrs.

**SPA**

Main Drain System:  Dual Main Drain or  Single Main Drain

▪ Manufacturer of Drain Cover: \_\_\_\_\_  
 Drain Cover Part or Model Number: \_\_\_\_\_

Life Span: \_\_\_\_\_

▪ Manufacturer of Drain Cover: \_\_\_\_\_  
 Drain Cover Part or Model Number: \_\_\_\_\_

Life Span: \_\_\_\_\_

**Skimmer Equalizers**

▪ Manufacturer of Equalizer Cover: ARJA - STAG  
 Equalizer Cover Part or Model Number: UP8AU

Life Span: 5 yrs

# BURKETT'S

POOL PLASTERING INC.

July 7, 2017

To: Tahoe Donner Association

From: Scott Thompson  
Burkett's Pool Plastering

RE: Trout Creek Recreational Center  
12790 Northwoods Boulevard  
Truckee, CA 96161

**Scope of work:**

**Kiddie Pool Scope:** Phase II

Permit from County Environmental Health Department. (Fee includes \$350 plan, courier and office administration fees.)	\$1100
Drain pool to approved cleanout and drill relief holes.	Incl.
Strip existing plaster back to original gunite shell and haul away debris.	Incl.
Saw cut concrete decking, remove and replace existing skimmer. New skimmer to be pressurized prior to completion of installation. Note: new concrete patch at newly installed skimmer will not match existing due to age.	\$2200
Saw cut wall at existing skimmer equalizer lines and move existing line to floor. Equalizer line to be split the required 36" per code.	\$1800
Remove and replace existing waterline tile with new standard 6x6 tile. Color t.b.d. Includes commercial 6x6 waterline depth markers installed per code.	\$2000
Remove and replace existing coping with new safety grip precast coping. Includes new mastic expansion joint between new coping and existing concrete decking.	\$5000
Saw cut concrete decking, supply and install new commercial nonskid deck markers.	\$500
Saw cut concrete decking, supply and install new commercial NO DIVE deck markers.	\$500
Plaster pool with (2) two coats of premium white plaster. New VGB compliant drain covers installed at time of plaster per code. AB1020 paperwork submitted at completion per code.	\$9500

Complimentary one time chemical and equipment start up at completion. N/C  
Continued brushing and chemical maintenance required prior to final inspection by others.

**Total for kiddie pool:** \$22,600 *Phs II*

**Spa #1 Scope:** *Phase I*

Permit from County Environmental Health Department. \$1100  
(Fee includes \$350 plan, courier and office administration fees.)

Drain spa to approved cleanout and drill relief holes. Incl.

Strip existing plaster back to original gunite shell and haul away debris. \$3500

Reconfigure existing entry steps at spa entry steps to meet current code. \$1150  
Existing top step tread does not extend out the required 21"-24" per code.  
The remaining steps will be reconfigured per code.

Saw cut concrete decking, remove and replace existing skimmer. \$2200  
New skimmer to be pressurized prior to completion of installation.  
Note: new concrete patch at newly installed skimmer will not match existing due to age.

Install commercial nonskid trim tile at entry steps and bench per code. 2x2 black to match. \$2000

Remove and replace existing waterline tile with new standard 6x6 tile. Color t.b.d. \$1500  
Includes commercial 6x6 waterline depth markers installed per code.

Remove and replace existing coping with new safety grip precast coping. Color t.b.d. \$3450  
Includes new mastic expansion joint between new coping and existing concrete decking.

Install new commercial nonskid tile mosaic at spa entry showing "SPA #1" or similar \$250  
Approved option.

Saw cut concrete decking, supply and install new commercial nonskid deck markers. \$375

Saw cut concrete decking, supply and install new commercial NO DIVE deck markers. \$375

Supply and install new commercial 3 bend entry rails at spa entry steps. \$2000  
Existing rail(s) are not to code. (2) Two total.

Remove and replace existing spa lights with new commercial white L.E.D. white lights. \$1800  
New lights to be Pentair commercial white lights installed per code and manufacturers specifications. (2) Two total.

Plaster spa with (2) two coats of premium white plaster. \$5500  
New VGB compliant drain covers installed at time of plaster per code.  
AB1020 paperwork submitted at completion per code.

Complimentary one time chemical and equipment start up at completion.	N/C
<b>Total for spa #1 re surfacing:</b>	<b>\$25,200</b>

**Spa #2 Scope:** *Phase I*

Strip plaster at entry steps and reconfigure steps to meet current code. New commercial nonskid tile installed at entry steps per code. 2x2 black. Note: new plaster patch at reconfigured steps will not match existing due to age And wear.	\$2150
Install new commercial nonskid tile mosaic at spa entry showing "SPA #2" or similar Approved option.	\$250
Saw cut concrete decking, supply and install new commercial nonskid deck markers.	\$375
Saw cut concrete decking, supply and install new commercial NO DIVE deck markers.	\$375
Supply and install new commercial 3 bend entry rails at spa entry steps. Existing rail(s) are not to code. (2) Two total.	\$2000
Remove and replace existing spa lights with new commercial white L.E.D. white lights. New lights to be Pentair commercial white lights installed per code and manufacturers specifications. (2) Two total.	\$1800
Remove and replace existing drain covers with new VGB compliant covers. AB1020 paperwork submitted at completion per code.	\$1100
<b>Total for spa #2 scope of work:</b>	<b>\$8050</b>

**Covered Spa scope of work:** *Phase II*

Permit from County Environmental Health Department. (Fee includes \$350 plan, courier and office administration fees.)	\$1100
Drain spa to approved cleanout and drill relief holes.	Incl.
Strip existing plaster back to original gunite shell and haul away debris.	\$3500
Reconfigure existing entry steps at spa entry steps to meet current code. Existing top step tread does not extend out the required 21"-24" per code. The remaining steps will be reconfigured per code.	\$1150
Saw cut concrete decking, remove and replace existing skimmer. New skimmer to be pressurized prior to completion of installation. Note: new concrete patch at newly installed skimmer will not match existing due to age.	\$2200
Install commercial nonskid trim tile at entry steps and bench per code. 2x2 black to match.	\$2000

Remove and replace existing waterline tile with new standard 6x6 tile. Color t.b.d. Includes commercial 6x6 waterline depth markers installed per code.	\$1500
Remove and replace existing coping with new safety grip precast coping. Color t.b.d. Includes new mastic expansion joint between new coping and existing concrete decking.	\$3500
Install new commercial nonskid tile mosaic at spa entry showing "SPA #1" or similar Approved option.	\$250
Saw cut concrete decking, supply and install new commercial nonskid deck markers.	\$375
Saw cut concrete decking, supply and install new commercial NO DIVE deck markers.	\$375
Supply and install new commercial 3 bend entry rails at spa entry steps. Existing rail(s) are not to code. (2) Two total.	\$2000
Remove and replace existing spa lights with new commercial white L.E.D. white lights. New lights to be Pentair commercial white lights installed per code and manufacturers specifications. (2) Two total.	\$1800
Plaster spa with (2) two coats of premium white plaster. New VGB compliant drain covers installed at time of plaster per code. AB1020 paperwork submitted at completion per code.	\$5500
Complimentary one time chemical and equipment start up at completion.	N/C
<b>Total for covered spa re surfacing:</b>	<b>\$25,250</b>

Phs II

**Lap Pool Scope of Work: Phase I**

Permit from County Environmental Health Department. (Fee includes \$350 plan, courier and office administration fees.)	\$1100
Drain pool to approved cleanout and drill relief holes.	Incl.
Strip existing plaster back to original gunite shell and haul away debris.	Incl.
Saw cut concrete decking, remove and replace existing skimmers. New skimmers to be pressurized prior to completion of installation. (5) Five total. Note: new concrete patch at newly installed skimmer will not match existing due to age.	\$11,000
Install new commercial nonskid tile at racing lanes and targets. New tile to be 2x2 black To match existing. Lanes and targets to be 12" to match existing.	\$8900
Remove and replace existing waterline tile with new standard 6x6 tile. Color t.b.d. Includes commercial 6x6 waterline depth markers installed per code.	\$5500

Remove and replace existing coping with new safety grip precast coping. Includes new mastic expansion joint between new coping and existing concrete decking.	\$15,500
Saw cut concrete decking, supply and install new commercial nonskid deck markers.	\$1250
Saw cut concrete decking, supply and install new commercial NO DIVE deck markers.	\$1250
Remove and replace existing pool lights with new commercial white L.E.D. white lights. New lights to be Pentair commercial white lights installed per code and manufacturers specifications. (4) Four total.	\$3600
Plaster pool with (2) two coats of premium white plaster. New VGB compliant drain covers installed at time of plaster per code. AB1020 paperwork submitted at completion per code.	\$30,550
Complimentary one time chemical and equipment start up at completion. Continued brushing and chemical maintenance required prior to final inspection by others.	N/C
<b>Total for lap pool:</b>	<b>\$78,650</b>

**Recreational Pool Scope of Work:** Phase II

Permit from County Environmental Health Department. (Fee includes \$350 plan, courier and office administration fees.)	\$1100
Drain pool to approved cleanout and drill relief holes.	Incl.
Strip existing plaster back to original gunite shell and haul away debris.	Incl.
Saw cut concrete decking, remove and replace existing skimmers. New skimmers to be pressurized prior to completion of installation. (12) Twelve total. Note: new concrete patch at newly installed skimmer will not match existing due to age.	\$26,400
Install commercial nonskid trim tile at entry steps and bench per code. 2x2 black to match.	\$8100
Install new commercial nonskid tile at racing lanes and targets. New tile to be 2x2 black To match existing. Lanes and targets to be 12" to match existing.	\$18,150
Remove and replace existing waterline tile with new standard 6x6 tile. Color t.b.d. Includes commercial 6x6 waterline depth markers installed per code.	\$8150
Remove and replace existing coping with new safety grip precast coping. Includes new mastic expansion joint between new coping and existing concrete decking.	\$23,750
Saw cut concrete decking, supply and install new commercial nonskid deck markers.	\$2450
Saw cut concrete decking, supply and install new commercial NO DIVE deck markers.	\$2450

Remove and replace existing pool lights with new commercial white L.E.D. white lights. \$9000  
New lights to be Pentair commercial white lights installed per code and manufacturers specifications. ( ) total.

Supply and install new commercial 3 bend entry rails at pool shallow end entry steps. \$5000  
Existing rails are not to code. (5) Five total.

Plaster pool with (2) two coats of premium white plaster. \$88,450  
New VGB compliant drain covers installed at time of plaster per code.  
AB1020 paperwork submitted at completion per code.

Complimentary one time chemical and equipment start up at completion. N/C  
Continued brushing and chemical maintenance required prior to final inspection by others.

**Total for recreational pool:** \$193,000 Phs II

**Total for the above proposed scope of work:** \$352,750

**Alternate Options:**

Upgrade standard white *kiddie* plaster interior finish to premium 100% white quartz finish. \$1200 Phs II  
Wet Edge premium 100% quartz finish comes with a **5 year warranty** from the manufacturer.  
Standard pool plaster is warranted for 3 years. *Pricing is in addition to standard white plaster.*

Upgrade standard white *spa #1* plaster interior finish to premium 100% white quartz finish. \$900  
Wet Edge premium 100% quartz finish comes with a **5 year warranty** from the manufacturer.  
Standard pool plaster is warranted for 3 years. *Pricing is in addition to standard white plaster.*

Upgrade standard white *lap pool* plaster interior finish to premium 100% white quartz finish. \$5750  
Wet Edge premium 100% quartz finish comes with a **5 year warranty** from the manufacturer.  
Standard pool plaster is warranted for 3 years. *Pricing is in addition to standard white plaster.*

Upgrade standard white *rec pool* plaster interior finish to premium 100% white quartz finish. \$12,250 Phs II  
Wet Edge premium 100% quartz finish comes with a **5 year warranty** from the manufacturer.  
Standard pool plaster is warranted for 3 years. *Pricing is in addition to standard white plaster.*

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**Leaks and Leak Detection:**

*Older pools, specifically pools/spa plumbed with copper, often have small nearly undetectable leaks. The act of draining, leaving a pool empty for some time and then refilling will often cause minor shifts in surrounding soils and the pool structure itself causing these minor leaks to grow. Burkett's recommends that a leak detection be performed during the permit process while the pool/spa is still full of water and fully functional to pre determine if any leaks are present. This will help eliminate the need for unforeseen repairs during the renovation process as well as additional repairs after completion of the pool/spa resurfacing. The most*



*common cause for delay during the renovation process is the need to make unforeseen repairs. If needed, a leak detection agency may be provided as part of the "scope of work" or can be handled by the property independently.*

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Please note: This proposal and or contract does not include any changes, additions or additional permit fees added or required by the Building and or Environmental Health Departments.

If you have any questions, please feel free to call me at **209-495-9634**.

**New Email address: [Scott@burkettspoolplastering.com](mailto:Scott@burkettspoolplastering.com)**

Respectfully,

Scott Thompson.  
License #608182



**LUNA QUARTZ Polar White**  
PREMIUM POOL FINISH

**Custom Engineered, High Performance Quartz Pool Finish containing a pozzolanic/polymer mineral admixture**

**Luna Quartz Polar White** combines one of nature's hardest minerals along with a cement admixture containing pozzolans and polymers that create a high performance pool finish. **Luna Quartz Polar White** contains only natural quartz sand which is non-reactive to pool chemicals. The hardness of natural quartz sand produces a resilient pool finish that is more resistant to staining than other pool finishes containing marble. The **Wet Edge Technologies** admixtures in the **Luna Quartz-Polar White** form a tight matrix around the quartz pebble and strengthen it to create an extremely durable pool finish.

**Role of Custom-Engineered Pozzolans in the Luna Quartz™** - This valued-added supplementary cementing product exhibits pozzolanic activity comparable to silica fume and metakaolin when tested in accordance with ASTM 618C and ASTM 1240. The **Wet Edge Technologies** Admix has unique properties when compared to other pozzolans such as Fly Ash, Blast Furnace Slag, Metakaolin, and Silica Fume. It is as white as white cement, and more than 99.5% amorphous with no crystalline silica. The chemistry is extremely uniform and the particle size is controlled to very tight standards. Furthermore, these pozzolans have quite a low water demands when compared to Metakaolin and Silica Fume, and thus are not sticky and trowel easily. The particle sizes can be tailored to the reactivity needs of the concrete mix design and have been designed to specifically serve the application of swimming pool finishes.

Mohs Hardness Scale



- Fortified with the Pebble Edge
- 100% White Quartz Sand
- Long Lasting Durable Finish
- Applied by a Wet Edge Certified Installer

Contact Information:

**Burkett's Pool Plastering**  
600 S. Frontage  
Ripon CA 95366  
800-517-3115





## THE VALUE OF VALUE!

*Below, please find the many benefits and values that one will receive when considering the possibility of teaming up with this highly experienced and fully staffed swimming pool remodeling company.*

### THE BURKETT'S POOL PLASTERING TEAM

#### NATIONAL PLASTER COUNCIL MEMBER:

- ▣ Member of the National Plaster Council.
- ▣ Owner, Rob Burkett, and Vice President of the Plaster Division, Shaun Goldberg, are sitting members of the Board of Directors.
- ▣ Named two-time "Member of the Year" by the National Plaster Council – highly respected.
- ▣ Rob Burkett sits on the Advisory Board and the Foundation Board of the National Pool Industry Research Center, located at Cal Poly University, San Luis Obispo.
- ▣ On the cutting edge of the latest technology of pool finishes, material, add mixes, and water chemistry, which is in-turn passed on to our homeowners for the best possible finish and the best pool practices.
- ▣ Employees who have a passion for what they do and who are dedicated to the homeowners that we work with.

#### REMODEL DEPARTMENT:

- ▣ Northern California's largest residential and commercial swimming pool remodel company.
- ▣ Our homeowners gain the combined benefit of a fully staffed and highly experienced remodel department.
- ▣ Fourteen highly trained Sales Consultants and one Design Consultant to meet your major remodel needs.
- ▣ Five Project Managers and Customer Service Representatives with Nine Department Heads dedicated to the highest quality craftsmanship and customer service.
- ▣ All work done in-house – plaster, masonry, gunite, decks, equipment, pool covers, plumbing, electrical, demo and prep.

- Each project phase is scheduled in-house, giving the homeowner the benefit of not having a sub-contractor to interact with. All projects have a dedicated Project Manager and Customer Service Representative to manage and oversee the Homeowner's project.
- In-house Warranty Customer Service Representative for all warranty issues.
- Our homeowners can rest assured that the Burkett's Team will guide them through the County Code maze as we have a wealth of knowledge concerning your local County, Building, and Environmental Health Department Codes.
- Additionally, our homeowners will benefit from the special attention to detail, knowledge, experience and the pride of craftsmanship on their project that they both expect and deserve.
- All of this, combined with over 25 years of experience, will make for a positive and pleasurable experience with Burkett's Pool Plastering, Inc.!

**PLASTER:**

- *Top Finishers in the Industry!!*
- Our employees are very passionate about our company and their quality of work...in return, our homeowners benefit with an extremely high quality finished product.
- Experienced teams shoot plaster, pebble and quartz finishes in a thicker, more uniform layer, compared with other companies in the industry.
- Hard trowel and twice washed pebble surfaces for a harder, smoother finish.
- Top paid workers with full medical benefits.
- Virtually little to no employee turn-over.
- Five of the finest plaster and pebble crews within the industry.
- At Burkett's Pool Plastering, we feel that the most important components in a high-end quality finish are the excellent collection of materials used, along with the top applicators in the industry. We truly believe at Burkett's that WE have the finest applicators and use the finest materials the industry has to offer.

**TILE AND MASONRY:**

- *Top Masons in the Industry!*
- Specialized crews for each phase of the project - tile, waterfalls and rockwork, which benefits our homeowners by receiving a crew that is specialized in their particular masonry phase.
- Our Foremen have an average of 15 years' experience which provides the benefit of the greatest expertise and craftsmanship to our homeowners.
- Fully staffed Masonry Division with a department head, two assistants, and eleven masonry crews, each with a dedicated Foreman.
- Our homeowners will benefit from our special attention to detail, knowledge, and pride of craftsmanship from our masonry crews and department staff.

**DECKS:**

- *Top Finishers in the Industry!*
- Burkett's Pool Plastering specializes in stamped, exposed aggregate, salt and broom finished decks.
- Hard troweled twice, not once like most companies, which gives the benefit of a harder and more durable surface, which in-turn lasts longer for the homeowner.
- Rebar and road base used for the benefit of structural reinforcement and strength.
- We add fiber mesh for the benefit of reducing cracking and check cracking on concrete finishes.
- All stamped decks are done at a drier stage which gives the homeowner the benefit of a more uniform stamped surface.
- Top paid finishers with full medical benefits, which in return draws the finest, most experienced finishers in the industry.

**EQUIPMENT:**

- Five specialized equipment crews with manufacturer trained technicians and installers.
- Specializing in full automation for all Jandy and Pentair systems from Jandy PDA's and the mobile phone accessible I-Aqualink systems to Pentair's Easy Touch and the mobile phone accessible Screen Logic, all installed and programed by our trained technicians.
- Pentair and Jandy multi-speed pumps for energy efficiency, installed and programmed by our trained technicians.
- Equipment replacement for pumps, filters, heaters, booster pumps, pool sweeps, energy efficient LED lighting, and automation upgrades and new installs.
- We assist our eligible homeowners with all paperwork on rebates for energy efficient equipment installations.

**GUNITE:**

- Department head with over thirty years of swimming pool construction experience and two crews to do all in-house gunite projects.
- Gunite phases scheduled in-house giving our homeowners the benefit of not having to interact with sub-contractors and knowing who to call if they have questions.
- Our Gunite Department establishes specific specs for notched beams, steps, benches, waterfalls and rock notches, and raised elevations.
- Our in-house Gunite and Tile Divisions work hand-in-hand to allow for a smooth transition from one phase to the next to:
  - Modify or reconfigure shape or size of pool
  - Add a spa or change spa elevation
  - Shallow the pool
  - Add an Acapulco bench, deep end steps, benches and swim outs
  - Gunite wing-walls, seat walls, landscape retaining walls, fire pits and planters

**COMMERCIAL TILE:**

- *Largest commercial swimming pool plaster and tile sub-contractor in Northern California.*
- Entrusted by five of the largest commercial swimming pool remodel general contractors in the State of California to do their plaster and tile work on major Universities, High Schools, Swim Clubs, Community Pools, Aquatic Centers, Theme Parks, Hotels and Health Clubs in Northern California as well as Southern California.

**MATERIALS:**

- *We use the Top Materials Available in the Industry!*
  - Wet Edge Technologies - The New Generation of Pebble Finishes
  - Wet Edge Pearl and Satin Pebble finishes, polished Primera Stone, and Altima finishes with Polymers and Pozzolans. Luna Quartz - the industry leader in quartz finishes.
  - Inorganic dye (mineral based dye, which lasts longer) vs. Organic based dye (shorter life and tends to fade and break down) separates Burkett's Pool Plastering, Inc. from its' competitors.
  - Pentair, Zodiac, Polaris and Jandy quality pool equipment
  - National Pool Tile
  - Combining these superior materials with Burkett's top finishers, our homeowners will benefit from the finest quality finishes the industry has to offer!

**START-UP AND SERVICE DEPARTMENT:**

- We include a one-time Start-Up on all replastered pools, with initial start-up chemicals as well as specific written instructions for the ever important care needed for your new pool finish.

**SUSTAINABILITY BUSINESS PRACTICES:**

- At Burkett's Pool Plastering, we recognize the importance of being a good steward to the environment and we work hard every day to insure that we are committed to sustainable business practices.
  - We recycle all concrete/demo materials and crush them for use as a road base in our pool decks.
  - We recycle all metal from our pool demos.
  - We recycle all cardboard.
  - We recycle all wood products.
  - We recycle all motor and hydraulic oils.
  - We recycle all batteries.

Lee Ann Gray

**From:** Nicole Johnson <Nicole.Johnson@co.nevada.ca.us>  
**Sent:** Thursday, August 17, 2017 2:37 PM  
**To:** Lee Ann Gray  
**Subject:** VGB information  
**Attachments:** 3044\_001.pdf

**WARNING: This email originated outside of Tahoe Donner Association.  
DO NOT CLICK links or attachment unless you recognize the sender and know the content is safe.**

Hello Lee,

The following text is a compilation of the California Health and Safety Code, and California Building Code. These are the regulations used for VGB compliance.

I am in the process of pulling the files and looking for the most recent information that we have for your facilities. My supervisor is out today, but I will get back to you after I speak with him. I see from the file at the Northwoods pool, that a split main drain exists with Aquastar main drain covers and an Aquastar channel drain (VGB compliant, non blockable drain). **These were installed in 2008 with a 5 year lifespan and expired in 2013.** This is the most recent main drain information that we have for that facility. The contractor who performed this survey is Toot Joslin of Truckee River Tub. I attached a copy of this form for you to view. I need to research the Trail Creek facility and will get back to you when I found out more information. Thank you for your interest in VGB safety.

California Health and Safety Codes:

116064.1. The Legislature finds and declares that the public health interest requires that there be uniform statewide health and safety standards for public swimming pools to prevent physical entrapment and serious injury to children and adults. It is the intent of the Legislature to occupy the whole field of health and safety standards for public swimming pools and the requirements established in this article and the regulations adopted pursuant to this article shall be exclusive of all local health and safety standards relating to public swimming pools.

California Code, Health and Safety Code - HSC § 116064.2

Next »

(a) As used in this section, the following words have the following meanings:

(1) "ANSI/APSP performance standard" means a standard that is accredited by the American National Standards Institute (ANSI) and published by the Association of Pool and Spa Professionals (APSP).

- (2) "ASME/ANSI performance standard" means a standard that is accredited by the American National Standards Institute and published by the American Society of Mechanical Engineers.
- (3) "ASTM performance standard" means a standard that is developed and published by ASTM International.
- (4) "Public swimming pool" means an outdoor or indoor structure, whether in-ground or above-ground, intended for swimming or recreational bathing, including a swimming pool, hot tub, spa, or nonportable wading pool, that is any of the following:
- (A) Open to the public generally, whether for a fee or free of charge.
- (B) Open exclusively to members of an organization and their guests, residents of a multiunit apartment building, apartment complex, residential real estate development, or other multifamily residential area, or patrons of a hotel or other public accommodations facility.
- (C) Located on the premises of an athletic club, or public or private school.
- (5) "Qualified individual" means a contractor who holds a current valid license issued by the State of California or a professional engineer licensed in the State of California who has experience working on public swimming pools.
- (6) "Safety vacuum release system" means a vacuum release system that ceases operation of the pump, reverses the circulation flow, or otherwise provides a vacuum release at a suction outlet when a blockage is detected.
- (7) "Skimmer equalizer line" means a suction outlet located below the waterline, typically on the side of the pool, and connected to the body of a skimmer that prevents air from being drawn into the pump if the water level drops below the skimmer weir. However, a skimmer equalizer line is not a suction outlet for purposes of subdivisions (c) and (d).
- (8) "Suction outlet" means a fitting or fixture of a swimming pool that conducts water to a recirculating pump.
- (9) "Unblockable suction outlet" means a suction outlet, including the sump, that has a perforated (open) area that cannot be shadowed by the area of the 18 inch by 23 inch Body Blocking Element of the ANSI/APSP-16 performance standard, and that the rated flow through any portion of the remaining open area cannot create a suction force in excess of the removal force values in Table 1 of that standard.
- (b)(1) Subject to subdivision (e), every public swimming pool shall be equipped with antientrapment devices or systems that comply with the ANSI/APSP-16 performance standard or successor standard designated by the federal Consumer Product Safety Commission.
- (2) A public swimming pool that has a suction outlet in any location other than on the bottom of the pool shall be designed so that the recirculation system shall have the capacity to provide a complete turnover of pool water within the following time:
- (A) One-half hour or less for a spa pool.
- (B) One-half hour or less for a spray ground.
- (C) One hour or less for a wading pool.
- (D) Two hours or less for a medical pool.
- (E) Six hours or less for all other types of public pools.
- (c) Subject to subdivisions (d) and (e), every public swimming pool with a single suction outlet that is not an unblockable suction outlet shall be equipped with at least one or more of the following devices or systems that are designed to prevent physical entrapment by pool drains:
- (1) A safety vacuum release system that has been tested by a nationally recognized testing laboratory and found to conform to ASME/ANSI performance standard A112.19.17, as in effect on December 31, 2009, or ASTM performance standard F2387, as in effect on December 31, 2009.
- (2) A suction-limiting vent system with a tamper-resistant atmospheric opening, provided that it conforms to any applicable ASME/ANSI or ASTM performance standard.
- (3) A gravity drainage system that utilizes a collector tank, provided that it conforms to any applicable ASME/ANSI or ASTM performance standard.
- (4) An automatic pump shutoff system tested by a department-approved independent third party and found to conform to any applicable ASME/ANSI or ASTM performance standard.
- (5) Any other system that is deemed, in accordance with federal law, to be equally effective as, or more effective than, the systems described in paragraph (1) at preventing or eliminating the risk of injury or death associated with the circulation system of the pool and suction outlets.
- (d) Every public swimming pool constructed on or after January 1, 2010, shall have at least two suction outlets per pump that are hydraulically balanced and symmetrically plumbed through one or more "T" fittings, and that are separated by a distance of at least three feet in any dimension between the suction outlets. A public swimming pool constructed on or after January 1, 2010, that meets the requirements of this subdivision, shall be exempt from the requirements of subdivision (c).
- (e) A public swimming pool constructed prior to January 1, 2010, shall be retrofitted to comply with subdivisions (b) and (c) by no later than July 1, 2010, except that no further retrofitting is required for a public swimming pool that completed a retrofit between December 19, 2007, and January 1, 2010, that complied with the Virginia Graeme Baker Pool and Spa Safety Act (15 U.S.C. Sec. 8001



et seq.) as in effect on the date of issue of the construction permit, or for a nonportable wading pool that completed a retrofit prior to January 1, 2010, that complied with state law on the date of issue of the construction permit. A public swimming pool owner who meets the exception described in this subdivision shall do one of the following prior to September 30, 2010:

- (1) File the form issued by the department pursuant to subdivision (f), as otherwise provided in subdivision (h).
- (2)(A) File a signed statement attesting that the required work has been completed.
- (B) Provide a document containing the name and license number of the qualified individual who completed the required work.
- (C) Provide either a copy of the final building permit, if required by the local agency, or a copy of one of the following documents if no permit was required:
  - (i) A document that describes the modification in a manner that provides sufficient information to document the work that was done to comply with federal law.
  - (ii) A copy of the final paid invoice. The amount paid for the services may be omitted or redacted from the final invoice prior to submission.
- (f) Prior to March 31, 2010, the department shall issue a form for use by an owner of a public swimming pool to indicate compliance with this section. The department shall consult with county health officers and directors of departments of environmental health in developing the form and shall post the form on the department's Internet Web site. The form shall be completed by the owner of a public swimming pool prior to filing the form with the appropriate city, county, or city and county department of environmental health. The form shall include, but not be limited to, the following information:
  - (1) A statement of whether the pool operates with a single suction outlet or multiple suction outlets that comply with subdivision (d).
  - (2) Identification of the type of antientrapment devices or systems that have been installed pursuant to subdivision (b) and the date or dates of installation.
  - (3) Identification of the type of devices or systems designed to prevent physical entrapment that have been installed pursuant to subdivision (c) in a public swimming pool with a single suction outlet that is not an unblockable suction outlet and the date or dates of installation or the reason why the requirement is not applicable.
  - (4) A signature and license number of a qualified individual who certifies that the factual information provided on the form in response to paragraphs (1) to (3), inclusive, is true to the best of his or her knowledge.
- (g) A qualified individual who improperly certifies information pursuant to paragraph (4) of subdivision (f) shall be subject to potential disciplinary action at the discretion of the licensing authority.
- (h) Except as provided in subdivision (e), each public swimming pool owner shall file a completed copy of the form issued by the department pursuant to this section with the city, county, or city and county department of environmental health in the city, county, or city and county in which the swimming pool is located. The form shall be filed within 30 days following the completion of the swimming pool construction or installation required pursuant to this section or, if the construction or installation is completed prior to the date that the department issues the form pursuant to this section, within 30 days of the date that the department issues the form. The public swimming pool owner or operator shall not make a false statement, representation, certification, record, report, or otherwise falsify information that he or she is required to file or maintain pursuant to this section.
- (i) In enforcing this section, health officers and directors of city, county, or city and county departments of environmental health shall consider documentation filed on or with the form issued pursuant to this section by the owner of a public swimming pool as evidence of compliance with this section. A city, county, or city and county department of environmental health may verify the accuracy of the information filed on or with the form.
- (j) To the extent that the requirements for public wading pools imposed by Section 116064 conflict with this section, the requirements of this section shall prevail.
- (k) The department shall have no authority to take any enforcement action against any person for violation of this section and has no responsibility to administer or enforce the provisions of this section.

Section 3162B Anti-Entrapment Devices and Systems 1. The Legislature finds and declares that the public health interest requires that there be uniform statewide health and safety standards for public swimming pools to prevent physical entrapment and serious injury to children and adults. It is the intent of the Legislature to occupy the whole field of health and safety standards for public swimming pools and the requirements established in this article and the regulations adopted pursuant to this article shall be exclusive of all local health and safety standards relating to public swimming pools. 2. As used in this section, the following words

installation. c. Identification of the type of devices or systems designed to prevent physical entrapment that have been installed pursuant to Subdivision (4) in a public swimming pool with a single suction outlet that is not an unblockable suction outlet and the date or dates of installation or the reason why the requirement is not applicable. d. A signature and license number of a qualified individual who certifies that the factual information provided on the form in response to paragraphs (a) to (c), inclusive, is true to the best of his or her knowledge. 73 8. A qualified individual who improperly certifies information pursuant to Paragraph (d) of Subdivision (7) shall be subject to potential disciplinary action at the discretion of the licensing authority. 9. Except as provided in Subdivision (6), each public swimming pool owner shall file a completed copy of the form issued by the department pursuant to this section with the city, county, or city and county department of environmental health in the city, county, or city and county in which the swimming pool is located. The form shall be filed within 30 days following the completion of the swimming pool construction or installation required pursuant to this section or, if the construction or installation is completed prior to the date that the department issues the form pursuant to this section, within 30 days of the date that the department issues the form. The public swimming pool owner or operator shall not make a false statement, representation, certification, record, report, or otherwise falsify information that he or she is required to file or maintain pursuant to this section. 10. In enforcing this section, health officers and directors of city, county, or city and county departments of environmental health shall consider documentation filed on or with the form issued pursuant to this section by the owner of a public swimming pool as evidence of compliance with this section. A city, county, or city and county department of environmental health may verify the accuracy of the information filed on or with the form. 11. To the extent that the requirements for public wading pools imposed by Section 116064 conflict with this section, the requirements of this section shall prevail. 12. The department shall have no authority to take any enforcement action against any person for violation of this section and has no responsibility to administer or enforce the provisions of this section. Authority: Health and Safety Code Section 116064 (e) Reference: Health and Safety Code Section 116064.2 AB 2114, (Statutes 2012, c. 679).

*Nicole Johnson*

Environmental Health Specialist I  
Nevada County Environmental Health Dept.  
950 Maidu Ave.  
Nevada City, CA 95959  
Office: (530) 265-1531  
Cell: (530) 205-5912  
[nicole.johnson@co.nevada.ca.us](mailto:nicole.johnson@co.nevada.ca.us)



COUNTY OF NEVADA COMMUNITY DEVELOPMENT AGENCY ENVIRONMENTAL HEALTH DEPARTMENT

930 MADU AVENUE NEVADA CITY, CA 95959-6517 (530) 232-1222 FAX (530) 245-0553

10078 DONNER PASS RD, SUITE A TRUCKEE, CA 96161 (530) 832-7034 FAX (530) 832-8713

TIME IN: 12:15 PM SWIMMING POOL INSPECTION REPORT

DATE: 8/1/17

TIME OUT: BUSINESS NAME: Trout Creek Rec Center SITE ADDRESS: 12790 Northwoods Blvd, Truckee

PR #: 0584 SERVICE ROUTE

OPERATOR:

Vol. gpm FLOW RATE gpm CF CYA ppm DISINFECTANT ppm FREE CHLORINE TOTAL BROMINE

COMMENTS:

- 1 Water Clear, Main Drain Visible From Back 65527
2 Anti-Vortex Main Drain Cover, or Dual Drains 31248.3
3 Water Level, No Algae In Pool Spa 65528
4 Free Chlorine Residual 65529
5 pH Range 7.2 to 7.8 65530
6 Chlorine Less Than 1.0 ppm 65531
7 Disinfectant Feeder (Empty, Low Feed Rate) 65532
8 Main Drain Cover (Loose, Broken, Missing) 31249.8
9 Lie Ring with 3/8" Rope to Spa Walk of Pool 65533
10 12 R. Pole, Rescue Hook Bolted to Pole 65534
11 Fence, Condition: Good Self-Closing, Latching 31188
12 Depth Markers, Location: Condition 31030
13 Underwater, Deck, Overhead Lights 31140
14 Steps, Handrails, Ladders (Loose, Missing) 31189
15 Warning No Lifeguard on Duty sign 65536
16 No Use Of Pool Allowed After Dark Sign 31188.4
17 Artificial Respiration Sign, Emergency Phone # 65539
18 Better Laid Sign with Max. 2 Feet 31189.1
19 No Diving Allowed Sign, if depth less than 6 ft. 31189.2
20 Filter On when Open, Check Timer/lock 65535
21 Valves and Pipes 1/2" Flow Direction Arrows 31250
22 Flowmeter Condition, Accurate Location 31250.5
23 Adequate Flow Rate, Turnover Time 31243
24 In-plant Effluent Filter Gauges 30559.2
25 Right Gases on Filter Backwash Pipe 31376.1.4
26 Cleaning and Maintenance 65535
27 DPD Test Kit: Disinfectant, CYA, pH 65529
28 Organic Acid Level, 300 ppm Max 65529
29 Haze Bibb, 60 Lines, Backflow Device 31178
30 Pool Shell (Pavement chipping, Cracked, Faded) 31068
31 Daily Counting Records 65523
32 Spa Step Edge Safety Steps 31089.3.5
33 Spa Temp. Max, 104°F 31350.2
34 Spa Emergency Shut-Off Switch, Sign 600-13
35 Spa Warning Sign 31188.6
36 Emergency Evacuation Procedures Posted 65547
37 All Emergency Exits Unlocked 65547
38 Chlorine Gas Warning Sign 31189.3
39 Chlorine Gas Mask Expir. Dates 65547
40 Respirator Equipment, Location, Training 65547
41 Chlorine Gas Room, Apparent Bricks 65547
42 Turn-On Vent Fan Light Switch Sign outside chlorine room 600-12
43 Gas Cylinders, Seals, Caps 31338.3.1
44 All Empty Gas Cylinders Sealed 3000.5.3
45 Valid County Operating Permit (Co. Ord. 051)
46 No Unsanitary, Drains, Unsanitary Conditions 65545
47 Lifeguard, Training 110029.050.79
48 No Alcohol in the Pool or Pool Area 65533
49 Dressing Rooms, Exterior Max. Temp. 110°F 31128.4.3
50 Drinking Fountain 51168
51 Toys, Bikes, Scooters, Dispersals 65551

Violations printed in red are subject to a mandatory re-inspection. Violations with an asterisk are subject to closure at the discretion of this department.

[ ] Mandatory Re-inspection within 30 days is required

[ ] POOL CLOSED AND POSTED ON (65545): Time: Date:

This Pool shall remain closed, locked, with closure signs posted at each gate, until each time that this department has given written approval to reopen.

Table with 6 columns: Location, PH, Cl2, CYA, Chlorine, Flow Rate. Rows include Spa 1, Spa 2, Family Spa, Hot tub, Hot tub, and Kid's pool.

SHALLOW DEEP

Family Spa - Water Clarity is Good
Note: Nothing dark in water
Hot tub is at 104°F
Emergency shut off switch works Good

COMPLY BY: REINSPECTION DATE ON OR AFTER THE ABOVE CITED SECTIONS REFER TO THE CALIFORNIA HEALTH AND SAFETY CODE AND CALIFORNIA CODE OF REGULATIONS
INSPECTOR: Randall Van... RECEIVED BY: [Signature]



COUNTY OF NEVADA COMMUNITY DEVELOPMENT AGENCY  
ENVIRONMENTAL HEALTH DEPARTMENT

854 MADRU AVENUE  
NEVADA CITY, CA 95959-0517  
(530) 555-1222 FAX (530) 265-0253

www.ci.nvada.ca.us

16078 DONNER PASS RD, SUITE A  
TRUCKEE, CA 96161  
(530) 632-7834 FAX (530) 632-8712

TIME RE: **SWIMMING POOL INSPECTION REPORT** DATE: **8/1/17**

TIME OUT: \_\_\_\_\_ PR # **0384**

BUSINESS NAME: **Front Creek Rec Center** PHONE: \_\_\_\_\_ SERVICE: **Residential**

SITE ADDRESS: **12790 Northwoods Blvd** OPERATOR: \_\_\_\_\_

Vol \_\_\_\_\_ gals FLOW RATE \_\_\_\_\_ ppm pH \_\_\_\_\_ CYA \_\_\_\_\_ ppm DISINFECTANT: \_\_\_\_\_ ppm  FREE CHLORINE  TOTAL BROMINE

COMMENTS: **See page 2/3 of closure**

<input checked="" type="checkbox"/> 1	Water Clarity, Main Drain Visible From Deck	65527	<input type="checkbox"/> 27	DPD Test Kits: Disinfectant, CYA, pH	65529
<input type="checkbox"/> 2	Anti-Vortex Main Drain Cover, or Dual Drains	31183.3	<input checked="" type="checkbox"/> 28	Cyanuric Acid Level, 100 ppm Max.	65533
<input type="checkbox"/> 3	Water Level, No Algae in Pool/Spa	65533	<input type="checkbox"/> 29	Hose Bibb, (3) Uni. Backflow Devices	31178
<input checked="" type="checkbox"/> 4	Free Chlorine Residual	10529	<input type="checkbox"/> 30	Pool Shell (Plaster chipping, Cracked, Pitted)	31068
<input checked="" type="checkbox"/> 5	pH Range 7.2 to 8.0	65529	<input type="checkbox"/> 31	Daily Operating Records	65529
<input checked="" type="checkbox"/> 6	Chloramines Less Than 1.0 ppm: _____ ppm	65531	<input type="checkbox"/> 32	Spa Step Edge Safety Strips	31183.3(5)
<input type="checkbox"/> 7	Disinfectant Feeder (Empty, Low Feed Rate)	65525	<input checked="" type="checkbox"/> 33	Spa Temp., Max, 104°F	31358.2
<input checked="" type="checkbox"/> 8	Main Drain Cover (Loose, Broken, Missing)	31349.3	<input checked="" type="checkbox"/> 34	Spa Emergency Shut-Off Switch, Sign	680-13
<input type="checkbox"/> 9	Life Ring with 3/4" Rope to Span Width of Pool	65533	<input type="checkbox"/> 35	Spa Warning Sign	31188.5
<input type="checkbox"/> 10	12 ft. Poly. Rescue Hook Bolted to Poles	65533	<input checked="" type="checkbox"/> 36	Emergency Evacuation Procedures Posted	65547
<input type="checkbox"/> 11	Fence: Condition, Gates Self-Closing, Latching	31183	<input checked="" type="checkbox"/> 37	All Emergency Exits Unlocked	65547
<input type="checkbox"/> 12	Depth Markers, Location, Condition	31068	<input type="checkbox"/> 38	Chlorine Gas Warning signs	31183.3
<input checked="" type="checkbox"/> 13	Underwater, Deck, Overhead Lights	31183	<input checked="" type="checkbox"/> 39	Chlorine Gas Mask Expir. Dates	65547
<input type="checkbox"/> 14	Steps, Handrails, Ladders (Loose, Missing)	31183	<input checked="" type="checkbox"/> 40	Respirator Equipment, Location, Training	65547
<input type="checkbox"/> 15	"Warning No Lifeguard on Duty" sign	65533	<input type="checkbox"/> 41	Chlorine Gas Room, Ammonia Bottle	650-12
<input type="checkbox"/> 16	"No Use Of Pool Allowed After Dark" Sign	31183.4	<input checked="" type="checkbox"/> 42	Turn-On Vent Fan + Light Switch Sign outside chlorine room door	31358.3.1
<input type="checkbox"/> 17	Artificial Respiration Sign, Emergency Phone #	65533	<input type="checkbox"/> 43	Gas Cylinders, Secure, Caps	3063.5.3
<input type="checkbox"/> 18	Bather Load Sign with Max. # Bathers	31183.1	<input type="checkbox"/> 44	All Empty Gas Cylinders Secure	(Co. Ord. 861)
<input type="checkbox"/> 19	"No Diving Allowed" Sign, if depth less than 6 ft.	31183.2	<input type="checkbox"/> 45	Valid County Operating Permit	65545
<input checked="" type="checkbox"/> 20	Filter On when Open, Check Taredock	65525	<input checked="" type="checkbox"/> 46	No Unpermitted, Unsafe, Unsanitary Conditions	11602(2) 65530
<input type="checkbox"/> 21	Valves and Pipes I.D., Flow Direction Arrows	31259	<input type="checkbox"/> 47	Lifeguard, Training	65533
<input type="checkbox"/> 22	Flowmeter Condition, Accurate Location	31259.3	<input type="checkbox"/> 48	No Alcohol in the Pool or Pool Area	31183.4.0
<input type="checkbox"/> 23	Adequate Flow Rate, Turnover Time	31259	<input type="checkbox"/> 49	Dressing Rooms, Shower Min. Temp. 110°F	31168
<input type="checkbox"/> 24	Infant, Effluent Filter Gauges	31259.2	<input type="checkbox"/> 50	Drinking Fountain	65551
<input type="checkbox"/> 25	Sight Glass on Filter Backwash Pipe	31278.1.4	<input type="checkbox"/> 51	Toilets, Sinks, Showers, Dispensers	
<input type="checkbox"/> 26	Cleaning and Maintenance	65533			

Violations printed in red are subject to a mandatory re-inspection. \* Violations with an asterisk are subject to closure at the discretion of this department.

Mandatory Re-inspection within 30 Days is required

POOL CLOSED AND POSTED ON (65545): Time: \_\_\_\_\_ Date: \_\_\_\_\_

This Pool shall remain closed, locked, with closure signs posted at each gate, until such time that this department has given written approval to reopen.

Violations:

26 Main Pool - water clarity is OK

26 missing 4 signs at shallow

19 missing NO Diving signs at depth markers

9 missing several life rings

19 Kiddie Pool - water clarity is good

26 missing NO Diving signs around pool

26 missing water at shallow

26 General Pool area

26 bathroom floor is not safe, changing lockers

26 missing signs around putting address of facility at each gate

911 signs

SHALLOW

DEEP

COMPLY BY: \_\_\_\_\_ RE INSPECTION DATE ON OR AFTER \_\_\_\_\_

THE ABOVE CITED SECTIONS REFER TO THE CALIFORNIA HEALTH AND SAFETY CODE AND CALIFORNIA CODE OF REGULATIONS

INSPECTOR: **Kanelllyan** RECEIVED BY: **Kanelllyan**

© 2017 County of Nevada, Environmental Health Department, Swimming Pool Inspection Report Form, June 2017



COUNTY OF NEVADA COMMUNITY DEVELOPMENT AGENCY  
ENVIRONMENTAL HEALTH DEPARTMENT

850 MAIDU AVENUE  
REYADA CITY, CA 95954-8817  
(530) 283-1222 FAX (530) 264-9853

10879 DONNER PASS RD, SUITE A  
TRUCKEE, CA 96161  
(530) 582-7884 FAX (530) 582-0712

TIME IN 12:15 AM

TIME OUT

BUSINESS NAME

SITE ADDRESS

SWIMMING POOL INSPECTION REPORT

DATE

PR #

SERVICE

Vol

Flow Rate

5.5

ppm

DISINFECTANT

ppm

FREE CHLORINE

TOTAL BROMINE

COMMENTS

- 1 Water Clarity Main Drain Visible From Deck 65527
- 2 Anti-Vortex Main Drain Cover, or Dual Drains 31348 3
- 3 Water Level No Algae in Pool Spa 65533
- 4 Free Chlorine Residual 65529
- 5 pH Range 7.2 to 8.0 65529
- 6 Chloramines Less Than 1.0 ppm ppm 65531
- 7 Disinfectant Feeder (Empty, Low Feed Rate) 65525
- 8 Main Drain Cover (Loose, Broken, Missing) 31348 3
- 9 Life Ring with 3/8" Rope to Span Width of Pool 65539
- 10 12 ft Pole, Rescue Hook Bolted to Pole 65539
- 11 Fence, Condition, Gates Self-Closing, Latching 31188
- 12 Depth Markers, Location, Condition 31090
- 13 Underwater, Deck, Overhead Lights, 31148
- 14 Steps, Handrails, Ladders (Loose, Missing) 31118
- 15 Warning No Lifeguard on Duty Sign 65533
- 16 "No Use of Pool Allowed After Dark" Sign 31198 4
- 17 Artificial Respiration Sign, Emergency Phone 65539
- 18 Bather Load Sign with Max # Bathers 31198 1
- 19 "No Diving Allowed" Sign, If depth less than 6 ft 31198 2
- 20 Filter On when Open, Check Timecaps 65525
- 21 Valves and Pipes I.D. Flow Direction Arrows 31258
- 22 Flowmeter Condition, Accurate Location 31258 3
- 23 Adequate Flow Rate, Turnover Time 31248
- 24 Influent, Effluent Filter Gauges 31258 2
- 25 Sight Glass on Filter Backwash Pipe 31378 1 4
- 26 Cleaning and Maintenance 65535
- 27 DPD Test Kits: Disinfectant, CYA, pH 65529
- 28 Cyanuric Acid Level, 100 ppm Max 65529
- 29 Hose Bibb, M Line Backflow Devices 31178
- 30 Pool Shell (Plaster chipping, Cracked, Pitted) 31048
- 31 Daily Operating Records 65523
- 32 Spa Step Edge Safety Strips 31068 3(5)
- 33 Spa Temp. Max, 104°F °F 31358 2
- 34 Spa Emergency Shut Off Switch, Sign 680-13
- 35 Spa Warning Sign 31198 5
- 36 Emergency Evacuation Procedures Posted 65547
- 37 All Emergency Exits Unlocked 65547
- 38 Chlorine Gas Warning signs 31198 3
- 39 Chlorine Gas Mask Expir. Dates 65547
- 40 Respirator Equipment, Location, Training 65547
- 41 Chlorine Gas Alarm, Ammonia Bottle 65547
- 42 Turn-On Vent Fan, Light Switch Sign outside chlorine room door 680 12
- 43 Gas Cylinders Secure, Dept 31338 3 1
- 44 All Empty Gas Cylinders Secure 3003 5 3
- 45 Valid County Operating Permit (Co. Ord 561) 65545
- 46 No Unrestored, Unsafe, Unsanitary Conditions 116028/65539
- 47 Lifeguard, Training 65533
- 48 No Animal in the Pool or Pool Area 31158 4 3
- 49 Dressing Rooms, Shower Max. Temp 110°F 31168
- 50 Drinking Fountain 65551
- 51 Toilets, Sinks, Showers, Dispensers 65551

Violations printed in red are subject to a mandatory re-inspection. Violations with an asterisk are subject to closure at the discretion of this department.

Mandatory Re-Inspection within 30 Days is required. ANY CHANGES TO POOLS OR SHEDS MUST BE REPORTED TO THE DEPARTMENT. POOL CLOSED AND POSTED ON (65545). Time: Date: AUG 21, 2017

This Pool shall remain closed, locked, with closure signs posted at each gate, until such time that this department has given written approval to reopen.

Violation #	Description	Depth
11	MAIN GATE EQUALIZER LOCKS DO NOT SELF-LATCH	SHALLOW
12	TAPED HOLES IN POOL DECK ON REAR GATE IN SH	DEEP
25	3 SKIDZ ARE MISSING WIRES / 1 SKIDZ COVER STUCK / CHIPPED CONCRETE	
	PUMP ROOM DOOR LOCKS DO NOT LOCK / CAN BE OPENED WITH SHOULDER	

COMPLY BY: [Signature]  
INSPECTOR: [Signature]  
REINSPECTION DATE ON OR AFTER: AUG 21, 2017  
RECEIVED BY: [Signature] (TITLE)  
I-3



**COUNTY OF NEVADA**  
**COMMUNITY DEVELOPMENT AGENCY**

Sean Powers, Director

**ENVIRONMENTAL HEALTH DEPARTMENT**

Amy Iran, REHS, Director

950 MAIDU AVENUE, SUITE #170  
 NEVADA CITY, CA 95959

PH: (530) 265-1222

FAX: (530) 265-9853

<http://mynevadacounty.com>

**POOL & SPA RENOVATION WORKSHEET**

Please fill out one form for each pool/spa and submit three (3) copies of each.

Name of Facility: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

Contractor Name: \_\_\_\_\_

Contractor License #: \_\_\_\_\_

Facility No. \_\_\_\_\_

Permit No. \_\_\_\_\_

Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

License Type: \_\_\_\_\_

Choose One:  POOL  SPA

Surface Area: \_\_\_\_\_ Volume: \_\_\_\_\_ Depth(s): \_\_\_\_\_

**Scope of Work:** (Check all that apply)

- Re-surfacing with white plaster (alternate materials must be reviewed and approved, samples required)
- Splitting of the main drain, jet suction lines, equalizer lines (single skimmer system)
- Changing suction outlet covers
- Adding an SVRS System      Make / Model: \_\_\_\_\_
- Variable speed pumps  
    Suction Pipe Size: \_\_\_\_\_      Return Pipe Size: \_\_\_\_\_  
    Filter Make / Model: \_\_\_\_\_
- Other: \_\_\_\_\_

Recirculation Pump:      Make: \_\_\_\_\_      Model: \_\_\_\_\_

   Hp: \_\_\_\_\_      GPM @ 60 ft. Head: \_\_\_\_\_

Jet System Pump:      Make: \_\_\_\_\_      Model: \_\_\_\_\_

   Hp: \_\_\_\_\_      GPM @ 60 ft. Head: \_\_\_\_\_

Jet System Pump:      Make: \_\_\_\_\_      Model: \_\_\_\_\_

   Hp: \_\_\_\_\_      GPM @ 60 ft. Head: \_\_\_\_\_

**Anti-Entrapment Covers:** Note: All main drain/suction outlet covers must comply with ASME/ANSI A112.19.8 performance standards. The flow rating of each cover shall be equal to or greater than the flow rating of the pump it is connected to.

**Main Drain:**

   Make / Model: \_\_\_\_\_      Max Flow Rate: \_\_\_\_\_ gpm

**Jet Suction Outlets:**

   Make / Model: \_\_\_\_\_      Max Flow Rate: \_\_\_\_\_ gpm

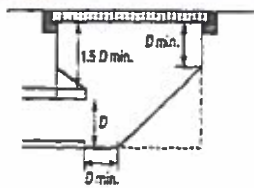
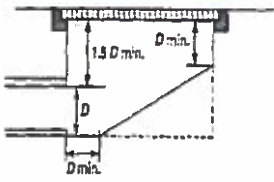
**Equalizer Lines:**

   Make / Model: \_\_\_\_\_      Max Flow Rate: \_\_\_\_\_ gpm

SUMP:

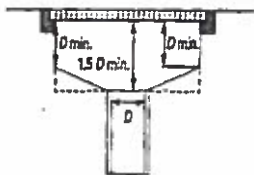
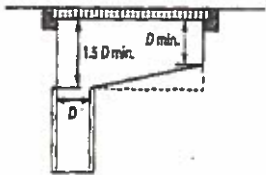
Manufactured

Field Built



**General Notes:**

1. D = inside diameter of pipe
2. All dimensions shown are minimum
3. A broken line ( \_\_\_\_\_ ) indicates suggested sump configurations



Describe any additional changes (plumbing, electrical, structural, etc.)

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**Scaled Drawing of the Pool or Spa -** Include the following:

1. Locations of all suction outlets (main drains, skimmers, equalizers and jet suction outlets)
2. Main Drain Split - At least 3 feet apart with the "T" on center
3. Pool or Spa depths

\*\*\*FOR OFFICE USE ONLY\*\*\*

Facility No. \_\_\_\_\_ Program Rec No. \_\_\_\_\_  APPROVED  NOT APPROVED

Environmental Health Specialist

Date



**COUNTY OF NEVADA  
COMMUNITY DEVELOPMENT AGENCY**

Sean Powers, Director

**ENVIRONMENTAL HEALTH DEPARTMENT**

Amy Iranl, REHS, Director

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FAX: (530) 265-9853

<http://mynevadacounty.com>

**ANTI-ENTRAPMENT DEVICES AND SYSTEMS FOR  
PUBLIC POOLS AND SPAS**

*Health and Safety code Sections 116064.1 and 116064.2*

**\*\*\*Use one form for each pump or multiple pumps under the same drain cover\*\*\***

This form is to be used to verify compliance with modifications pursuant to the new Health and Safety Code sections 116064.1 and 116064.2. Under Section 116064.2(a) of the Health and Safety Code, effective January 1, 2010, the owner of a public swimming pool shall file this form within 30 days following the completion of construction or installation of anti-entrapment devices or systems in swimming pools. Contact your local Environmental Health Department and Building Department for any necessary plan approval and permit prior to construction or remodel.

**SITE INFORMATION**

Facility Number: FA \_\_\_\_\_

Facility Name: \_\_\_\_\_

Pool Identification (if more than one pool/spa at site): \_\_\_\_\_

Facility Address: \_\_\_\_\_

City: \_\_\_\_\_, CA Zip: \_\_\_\_\_

Owner Name: \_\_\_\_\_

Phone No. \_\_\_\_\_

Owner Address: \_\_\_\_\_

City: \_\_\_\_\_, CA Zip: \_\_\_\_\_

Pool constructed on or after January 1, 2010?  YES  NO

**PUMP INFORMATION**

Recirculation Pump

Jet/Booster Pump

Make/Model: \_\_\_\_\_ H.P. \_\_\_\_\_

Make/Model: \_\_\_\_\_ H.P. \_\_\_\_\_

Feature Pump

Other Pump

Make/Model: \_\_\_\_\_ H.P. \_\_\_\_\_

Make/Model: \_\_\_\_\_ H.P. \_\_\_\_\_

**MAIN DRAIN** *(Includes All Suction Outlets Except Skimmer Equalizer Lines)*

Manufacturer of Approved Drain Cover: \_\_\_\_\_ Model Number: \_\_\_\_\_

GPM Rating: Floor \_\_\_\_\_ Wall \_\_\_\_\_ Install Date: \_\_\_\_\_ Installed On:  Floor  Wall

Manufacturer of Approved Drain Cover: \_\_\_\_\_ Model Number: \_\_\_\_\_

GPM Rating: Floor \_\_\_\_\_ Wall \_\_\_\_\_ Install Date: \_\_\_\_\_ Installed On:  Floor  Wall

Main Drain/Jet Suction Pipe Size is \_\_\_\_\_ inches.

**CHECK ONE:**

- Split Main Drain(s)** Minimum 2 feet between covers, hydraulically balances and symmetrically plumbed.
- Single Drain - Unblockable** Size and shape that a human body cannot sufficiently block to create a suction entrapment.
- Single Drain - Not Unblockable** One of the following secondary devices required: safety vacuum release system, suction limiting vent system, gravity drainage system, auto pump shut-off system or other equally or more effective system approved by enforcement agency.

Safety vacuum release system bears the following performance standard marking:  ATSM F238  ASME/ANSI Standard A 112.19.17



**SKIMMER EQUALIZER LINE(S)**

Manufacturer of Approved Suction Cover: \_\_\_\_\_ Model Number: \_\_\_\_\_  
GPM Rating: Floor \_\_\_\_\_ Wall \_\_\_\_\_ Install Date: \_\_\_\_\_ Installed On:  floor  Wall  
Skimmer equalizer line(s) pipe size were found to be \_\_\_\_\_ inches. Number of skimmers: \_\_\_\_\_

**THE INFORMATION ON ABOVE AND ON THE PREVIOUS PAGE HAS BEEN FIELD VERIFIED TO COMPLY WITH THE MANUFACTUER'S INSTALLATION REQUIREMENTS BY THE INSTALLER**

I declare that I hold an active:

- California State Contractor license # \_\_\_\_\_, with classification \_\_\_\_\_  
or
- California State Professional Engineer license # \_\_\_\_\_

with qualified experience working on public swimming pools and that the information provided above is true to the best of my knowledge, I understand that if I improperly certify this information, I shall be subject to potential disciplinary action at the discretion of the licensing authority in accordance with California Health and Safety Code Section 116064.2.

Contractor/ Engineer Name: \_\_\_\_\_ Company Name: \_\_\_\_\_  
Company Address: \_\_\_\_\_ City: \_\_\_\_\_, CA Zip: \_\_\_\_\_  
Contractor/Engineer Phone Number: \_\_\_\_\_ Cell Phone Number: \_\_\_\_\_  
Contractor/Engineer Fax Number: \_\_\_\_\_  
Email: \_\_\_\_\_

\_\_\_\_\_  
Contractor / Engineer Name (PRINT)

\_\_\_\_\_  
Contractor / Engineer Name (SIGNATURE)

\_\_\_\_\_  
Date

**OFFICE USE ONLY**

Approval By: \_\_\_\_\_

Date: \_\_\_\_\_



**COUNTY OF NEVADA  
COMMUNITY DEVELOPMENT AGENCY**

Sean Powers, Director

**ENVIRONMENTAL HEALTH DEPARTMENT**

Amy Irani, REHS, Director

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**ANTI-ENTRAPMENT DEVICES AND SYSTEMS FOR PUBLIC POOLS AND SPAS  
INSTRUCTIONS FOR COMPLETING FORM**

- Use one form for each pump or multiple pumps under the same drain cover. For example, a spa with a recirculation pump and a jet pump each with their own set of split drains that terminate under a different drain cover will require two forms. However, two pumps with split drains that terminate under the same drain cover will require only one form.
- All sections of the form must be completed.
- **Print legibly.**
- Return the completed form to your local Environmental Health Department.

❖ **Site Information**

- Enter Facility Number in red box at top left of this section
- Facility name – name of facility or OBA (e.g. Oak Glen HOA, Palms Apartments).
- Pool Identification – description of the pool which will identify it when there is more than one pool on the property.
- Facility Address – address, city, state, and zip code of the facility where the pool or pools are located.
- Owner's name – owner, owner's representative, or corporation name.
- Owner's address – address, city, state, zip, and telephone number of the owner or owner's representative.
- Indicate if the pool was constructed on or after January 1, 2010.

❖ **Pump Information**

- Identify the type of pump that is connected to the drain. If two pumps terminate under one set of split drains (e.g. one side of a split suction drain is used for both a recirculation pump and a jet pump), describe both pumps. For each pump, provide the make, model number, and horsepower. Remember, complete a separate compliance form if the additional pump is connected to a different drain cover.

❖ **Main Drain** *(Includes All Suction Outlets Except Skimmer Equalizer Lines)*

- Provide the manufacturer; make and model; and the date the drain cover was installed.
- Provide the floor and wall flow rating in gallons per minute for the drain cover. Note: If there are two different drain covers (e.g. one on the wall and one on the floor), there is space on the compliance form to complete drain cover information for each drain.

- Indicate the size of the pipe terminating at the main drain or jet suction.
- Check a box to indicate the configuration of the drain.
  - **Split Main Drains** - means there are two drains that are hydraulically balanced and symmetrically plumbed and are separated by a distance of at least three feet in any dimension between the suction outlets.
  - **Single Drain - Unblockable** means there is one drain approved to be unblockable so that a human body cannot sufficiently block it to create a suction hazard.
  - **Single Drain - Not Unblockable** - means there is a single drain which can be sufficiently blocked by a human body to create a suction hazard. This type of drain must be protected by an approved safety vacuum release system or other equally or more effective system. Provide the type of device installed, manufacturer, model, and indicate which type of performance standard is marked on the device (ASTM F2387 or ASME/ANSI standard A112.19.17).

❖ **Skimmer Equalizer Line(s)**

- Provide the manufacturer; make and model; and the date the drain cover was installed.
- Provide the floor and wall flow rating in gallons per minute for the drain cover. Note: If there are two different drain covers (e.g. one on the wall and one on the floor), there is space on the compliance form to complete drain cover information for each drain.
- Indicate the size of the skimmer equalizer line pipe.
- Indicate number of skimmers.

❖ **Contractor/Engineer Certification Section**

- Enter a valid California State Contractor's license number.
- Enter the Contractor's license classification (or enter California Professional Engineer's license number, if applicable).
- Enter the Contractor's/Engineer's name and the company they are working for.
- Enter the company address, city, state, zip code, telephone number, cell phone number, FAX number, and email for the Contractor/Engineer.
- Print the name of the Contractor/Engineer.
- The Contractor or Engineer must sign the form.
- Enter the date the form was signed.

For a complete text of the law, visit: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=200920100AB1020](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=200920100AB1020)

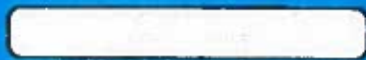


Home About Catalogs Products Replacement Support Contact

## AquaStar Replacement Guide

Below is a list of all AquaStar's past and current drain covers. Click the part number of the drain being replaced below to find the direct replacement.

Replace suction outlet covers 5 years after installation. For more information about drain replacement click the button below.



*Click the image to download our single page Cross Reference Guide for your office.*



### VGB COMPLIANCE. EVERY POOL. EVERY TIME.

Be a pool and spa professional! Always follow and understand AquaStar's installation instructions. Compliance to the VGB act and related standards does NOT stop with installation of the compliant drain cover. The existing frame and sump must be in good condition, or it should also be replaced. The sump depth must meet each cover's required depth and the new screws must securely fasten to the frame.

### AQUASTAR SUCTION OUTLET DRAIN COVER REPLACEMENT GUIDE

#### 4" ROUND

- [4RNDXXX](#)
- [R4RNDXXX](#)
- [4HPXXX](#)

#### 6" ROUND

- [6HPXXX](#)
- [6HPHXXX](#)

#### 8" ROUND

- [8AVXXX](#)
- [8HPXXX](#)
- [8AVWRXXX](#)
- [8CCXXX](#)
- [8FLXXX](#)
- [8FUWXXX](#)
- [8MFXXX](#)
- [A8XXX](#)

#### 9" SQUARE

- [9XXX](#)
- [9MFxxx](#)
- [P9XXX](#)
- [SRFS9XXX](#)
- [SUN9XXX](#)
- [SUN9WRXXX](#)
- [WAV9XXX](#)
- [WAV9WRXXX](#)
- [LPRFS9XXX](#)
- [RFS9XXX](#)
- [RSUN9XXX](#)
- [RWAV9XXX](#)
- [914XXX](#)
- [R914XXX](#)

#### 12" SQUARE

- [12XXX](#)

#### 18" SQUARE

- [18XXX](#)
- [P18XXX](#)
- [SUN18XXX](#)
- [SUN18HPHXXX](#)
- [SUNA18XXX](#)
- [SUNA18WRXXX](#)
- [WAV18XXX](#)
- [WAV18WRXXX](#)
- [RWAV18XXX](#)
- [RSUN18HPRXXX](#)

#### 20" ROUND

- [FCXXX](#)

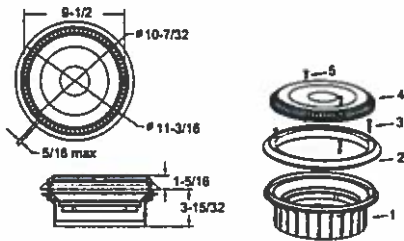
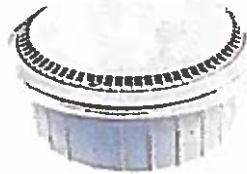
#### 24" SQUARE

- [24XXX](#)
- [P24XXX](#)

## ADDITIONAL PRODUCT CONFIGURATIONS FOR 10AVRXXX

### Double-Deep Sump

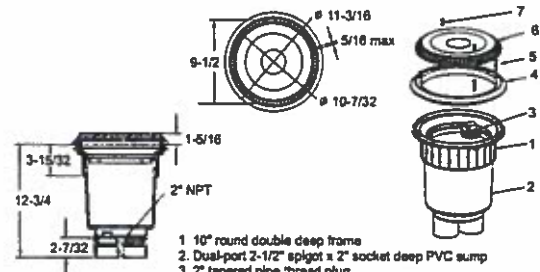
**Part #**  
10AVRxxxA  
4 per case



1. 10" round double deep frame
2. Riser ring for 10" cover
3. #10 x 1-1/4" flat head Phillips Type A screw, 316 ss, qty 4
4. 10" anti-entrapment suction outlet cover
5. #10 x 3/4" flat head Phillips Type A screw, 316 ss, qty 2

### Dual-Port 2-1/2" Spigot x 2" Socket Deep PVC Sump

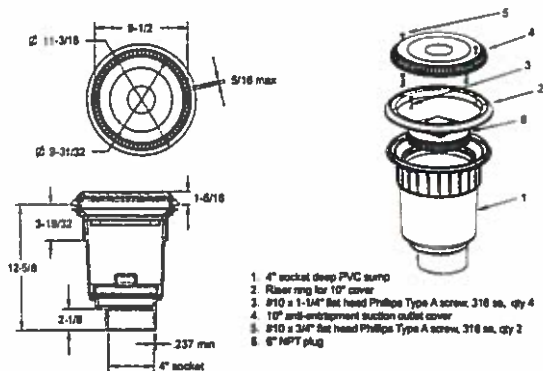
**Part #**  
10AVRxxxB  
4 per case



1. 10" round double deep frame
2. Dual-port 2-1/2" spigot x 2" socket deep PVC sump
3. 2" tapered pipe thread plug
4. Riser ring for 10" cover
5. #10 x 1-1/4" flat head Phillips Type A screw, 316 ss, qty 4
6. 10" anti-entrapment suction outlet cover
7. #10 x 3/4" flat head Phillips Type A screw, 316 ss, qty 2

### 4" Socket Deep PVC Sump

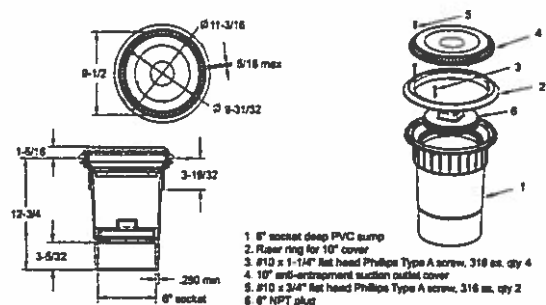
**Part #**  
10AVRxxxD  
4 per case



1. 4" socket deep PVC sump
2. Riser ring for 10" cover
3. #10 x 1-1/4" flat head Phillips Type A screw, 316 ss, qty 4
4. 10" anti-entrapment suction outlet cover
5. #10 x 3/4" flat head Phillips Type A screw, 316 ss, qty 2
6. 6" NPT plug

### 6" Socket Deep PVC Sump

**Part #**  
10AVRxxxF  
4 per case



1. 6" socket deep PVC sump
2. Riser ring for 10" cover
3. #10 x 1-1/4" flat head Phillips Type A screw, 316 ss, qty 4
4. 10" anti-entrapment suction outlet cover
5. #10 x 3/4" flat head Phillips Type A screw, 316 ss, qty 2
6. 6" NPT plug

# AQUASTAR

pool products



*A Safe Drain is No Accident™*

## 10" ROUND ANTI-ENTRAPMENT SUCTION OUTLET COVER, SOLID RISER RING AND MUD FRAME

### VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

#### FEATURES

For single or multiple drain use  
3" minimum sump depth  
(see Installation Instructions)

Single

Floor: 166 GPM at 4.8 fps

Wall: 96 GPM at 2.8 fps

Floor/wall: 53 GPM at 1.5 fps

Floor/wall: 34.9 GPM at 1.0 fps

11.2 square inch opening

Additional sump versions  
also available

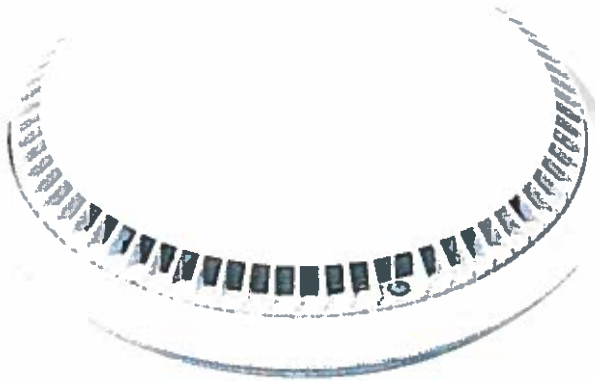
#316 stainless steel screws

Manufactured from superior  
UV-resistant engineered polymers

Meets or exceeds ANSI/APSP 16-2011  
and NSF/ANSI 50-2009a national  
standards and ASTM G154 UV testing

Replace every five years from the date  
of installation

8 per case

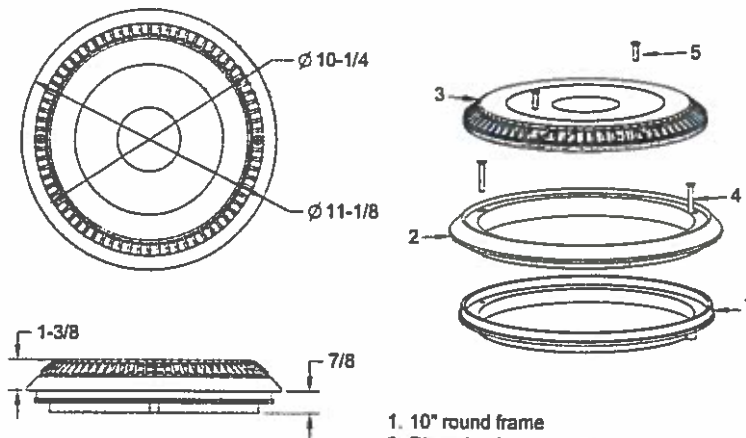


Part # 10AVRxxx

Fits: AquaStar (all standard 10" models), Waterway and Color Match

#### STANDARD COLORS

- 10AVR101 – White
- 10AVR102 – Black
- 10AVR103 – Light Gray
- 10AVR104 – Blue
- 10AVR105 – Dark Gray
- 10AVR108 – Tan



VGB 2008 Compliant

1. 10" round frame
2. Riser ring for 10" cover
3. 10" anti-entrapment suction outlet cover
4. #10 x 1-1/4" flat-head Phillips Type A screw, 316 ss, qty 2
5. #10 x 3/4" flat-head Phillips Type A screw, 316 ss, qty 2

P 877-768-2717 F 877-276-POOL Outside the US: P +1-805-620-5060 F +1-949-336-1940  
info@aquastarpoolproducts.com www.aquastarpoolproducts.com

★ ★ PROUDLY MADE  
★ ★ IN THE USA

A8RXXX  
LP8AVXXX  
LP8AVWRXXX  
R8MFXXX  
R8HPXXX  
RLP8AVXXX  
LP8MHXXX  
8HPMHXXX

**10" ROUND**

10AVXXX  
10AVRXXX  
10AVWRXXX  
10CCXXX  
10FLXXX  
10MFXXX  
10AVRCFRXXX  
A10RCFRXXX

12MFXXX  
P12XXX  
SRFS12XXX  
SUN12XXX  
SUN12WRXXX  
WAV12XXX  
WAV12WRXXX  
R12MFXXX  
RFS12XXX  
RWAV12XXX  
RSUN12XXX  
1216XXX  
R1216XXX

WAV24XXX  
  
**32" CHANNEL**  
32CAVXXX  
32CAVFRXXX  
32CDFLXXX  
32CDFLFRXXX  
32CDLTXXX  
32CDLTFRXXX  
32CDPHXXX  
32CDPHFRXXX  
32CAVVXXX  
32CDFLVXXX  
32CDLTVXXX  
32CDPHVXXX  
32CDFLFGXXX  
32CDPHFGXXX  
32CAVFGXXX  
32CDLTFGXXX



*The Association of  
Pool & Spa Professionals\**

REFLECT SUCCESS

## FREQUENTLY ASKED QUESTIONS ABOUT THE FEDERAL POOL & SPA SAFETY ACT

**Question 1: What do the mandatory provisions of the Federal Pool and Spa Safety Act cover?**

**Answer:** The federal mandates in the Act pertain to two issues:

1. The manufacture, import, and sale of suction outlet fittings (drain fittings and covers) and
2. Entrapment avoidance systems in public pools and spas.

**Question 2: What do these provisions require?**

**Answer:** The Act requires the following:

1. On or after 12/19/08, all suction outlet fittings and covers made, imported, or sold in the U.S. must be certified to comply with ASME/ANSI A 112.19.8, 2007 version.
2. As of 12/19/08, all public pools and spas, both new and existing, be equipped with certified covers on every suction outlet.
3. As of 12/19/08, every public pool and spa, new and existing, that has a single outlet, other than an unblockable outlet, must employ one or more of the following additional options:
  - Safety vacuum release system (SVRS) that complies with ANSI/ASME A112.19.17 or ASTM F2387; or
  - Suction limiting vent system; or
  - Gravity drainage system; or
  - Automatic pump shut-off; or
  - Drain disablement; or
  - Equivalent system that may be approved by the CPSC.

**Question 3: Does the suction outlet cover requirement in the Act apply to pools and spas with dual or multiple drains?**

**Answer:** Yes. Every drain in every public pool and spa must have a compliant cover by the effective date. After 12/19/08 the pool or spa cannot be open for use if the covers and system are not compliant.

**Question 4: Will such covers be available in time to install before the effective date?**



**Answer:** Some manufacturers have assured the APSP that compliant covers will be available in sufficient time to purchase and install. However, the APSP cannot speak to every cover installed, especially covers of unusual sizes and shape.

**Question 5: How will I know which covers comply?**

**Answer:** They will have the following embossed or permanently marked in a location that is visible when installed:



Or, "ASME A112.19. 8 2007" and, a flow rating "X GPM", and "Life: X Years", and Manufacturer and Model.

**Question 6: What if I cannot find the manufacturer or a compliant replacement cover that fits?**

**Answer:** The drain will require permanent disablement, or replacement with a cover and mounting frame that is compliant.

**Question 7: Is a skimmer considered a suction outlet?**

**Answer:** No. The Act addresses only submerged suction outlets.

**Question 8: Does the Act require SVRS devices on all public pools?**

**Answer:** No. An SVRS is one of several options available to release a high vacuum occurrence in a pool or spa with a single outlet. These options are not required on pools or spas with multiple certified drains or with a single unblockable drain and sump.

**Question 9: What is an unblockable drain?**

**Answer:** The Act defines an unblockable drain as a drain sump of "any size or shape that a human body cannot sufficiently block to create a suction entrapment issue." The ANSI/APSP-7 2006 standard defines unblockable as "of any size and shape such that a representation of the torso of the 99 percentile adult male cannot sufficiently block it to the extent that it creates a body suction entrapment hazard." In other words, the outlet must be such that a torso 18" x 23" with corners having a 4-inch radius would not be able to sufficiently block the outlet. The standard also allows for channel drains with a minimum open area 3" wide X 31" long.

**Question 10: What is a safety vacuum release system (SVRS)?**

**Answer:** The definition in the Act is as follows: "The term 'safety vacuum release system' means a vacuum release system capable of providing vacuum release at a suction outlet caused by a high vacuum occurrence due to a suction outlet flow blockage." SVRS devices must be certified to ASME/ANSI A112.19.17 or ASTM 2387-04

**Question 11: What is a gravity drainage system?**

**Answer:** Gravity Drainage is a circulation system where the water flowing from the pool/spa does not connect directly to the pump. The water drains into a tank or basin open to atmosphere from which the pump pulls its water for circulation back to the pool.

**Question 12: What is a suction limiting vent system?**

**Answer:** Suction-Limiting Vent System -- a pipe vented to the atmosphere that connects to the suction pipe between the pool and the pump. When a high vacuum event occurs, air from the vent pipe replaces the water in the suction pipe thereby breaking the suction. The vent opening is protected by a tamper resistant cover.

**Question 13: What is an automatic pump shut-off?**

**Answer:** Automatic Pump shut-off system -- a device or system that shuts off the pump/motor when it senses a high vacuum occurrence that includes but is not limited to some of the safety vacuum release devices (SVRS) and load sensing motors.

**Question 14: What is drain disablement?**

**Answer:**

Existing Construction:

1. Fill with concrete, Glue in plug
2. Reverse flow, permanently disconnect from pool pump suction (no valve to switch back)
3. Permanently disconnect suction outlet pipe from all circulation systems

New Construction:

1. Not applicable -- the rest of the codes and standards do not permit single blockable drain configurations.

**Question 15: According to the Act, how far apart must multiple or dual drains be?**

**Answer:** The Act does not specify. The ANSI/APSP-7 2006 standard requires that multiple drains or suction outlets be at least 3 feet apart, measured from center of sump to center of sump. Or that suction outlets be located on different planes.

**Question 16: Does the Act apply to hot tubs?**

**Answer:** Yes. Hot Tubbs are considered "spas" for purposes of this act.

**Question 17: Does the Act apply to residential pools and spas?**

**Answer:** Yes. As of 12/19/08, it will be against federal law to make, import, or sell a suction outlet fitting and cover that does not comply with ASME/ANSI A112.19.8 -2007. Installation of a non compliant cover in a customer's pool or spa would be a violation of that provision. The other federal mandates discussed above apply only to public facilities.

**Question 18: How does the Act define a "Public" pool or spa?**

**Answer:** The term is defined broadly and includes:

1. any facility open to the public whether free or for a fee
2. multiple family residential facilities
3. hotels or other public accommodations
4. facilities operated by the federal government for the military, their dependents, or for any federal agency or department

**Question 19: How do these Federal provisions or mandates compare with ANSI/APSP-7?**

**Answer:** Each of the above provisions is entirely consistent with ANSI/APSP-7. Pools and spas built or retrofitted to comply with this standard will also comply with the Act.

**Question 20: Does ANSI/APSP-7 require a pool to be closed to swimmers if the cover is not ASME compliant?**

**Answer:** The standard requires ASME approved covers. Non-compliant covers and systems should be addressed. If a cover is broken, damaged, not secure or missing, the standard requires that the pool or spa be immediately closed to bathers.

**Question 21: What is the penalty for not complying with these provisions?**

**Answer:** That has yet to be determined by the CPSC.

**Question 22: How else does this Act affect residential pools and spas?**

**Answer:** That is also yet to be determined. The CPSC is charged with creating "minimum state law requirements," pertaining to entrapment protection and barriers to prevent drowning. Any state that enacts laws that meet or exceed those requirements will be eligible for grant money from the CPSC. The Act provides guidelines and instructions to the CPSC in creating those "minimum state law requirements." With regard to entrapment, these guidelines and

instructions are entirely consistent with ANSI/APSP-7. With regard to barriers, these guidelines and instructions are consistent with the "Layers of Protection" approach endorsed by the APSP and found in our literature.

**Question 23: What else should I do about entrapment protection in residential pools?**

**Answer:** All residential pools and spas and hot tubs should be built and maintained in accordance with applicable state and local law and ANSI/APSP-7.

**Question 24: What should I do about barriers in public and residential pools and spas?**

**Answer:** All pools and spas and hot tubs should be protected in accordance with applicable state and local law and the ANSI/APSP-8 Model Barrier Code.

**Question 25: What are the legal responsibilities of builders, renovators, and service professionals under the ACT?**

**Answer:** These are not specified by the Act. Also, as a non-profit membership organization, APSP is not able to provide legal advice or to provide guidance for each and every situation. Pool and spa professionals should consult with their own legal counsel with regard to any questions of law or interpretation of the Act.

**IMPORTANT NOTE:**

The above information is intended to provide important technical information with regard to the recent Pool and Spa Safety Act. It is not intended as legal advice. As a non-profit membership organization, APSP is not able to provide legal advice. Pool and spa professionals should consult with their own legal counsel with regard to any questions of law or interpretation of the Act or any other federal or state law, regulation, code or ordinance.

The APSP is not responsible for any liability or damages that in any way is alleged to have resulted from the above questions and answers.

# DECISION PAPER



May 10, 2018

## Issues:

2018 Ski Area Rental Equipment Purchase

## Background:

As an industry standard, the lifespan of rental skis and boots is normally 5-7 years, and snowboards and boots to 6-8. The Dowhill Ski Resort (DSR) rental shop has been more efficient in our replacement schedules for a number of reasons including: a successful maintenance program, winters where we were not open very many days and an adequately sized fleet so we are able to rotate gear during peak use periods. Additionally, rental staff monitors function test results and manufacturer indemnification lists to be sure all liability requirements are met. With this criteria in mind, staff has put together a 2018 rental equipment replacement recommendation. This year's purchase is set to replace all the rental helmets and our oldest ski, snowboard, and demo equipment. The helmet replacement is necessary due to the expired indemnification of our current helmet stock by the manufacturer. The other equipment will replace our oldest gear with quantities reflecting the sizes that have the most need for replacement and achieve the largest discounts. In addition, we will be introducing a new fit system in our replacement snowboard boots that will eliminate laces creating a better fit and dramatically speeding up the sizing process which will improve our guest experience.

Please see the attached documentation detailing the year each piece of equipment went into service.

## Options:

1. Approve complete rental equipment purchase as recommended with a budget not to exceed the 2018 replacement reserve total of \$97,150 including tax and shipping.
2. Only approve the Smith helmet purchase as would be required to maintain indemnification from the manufacturer. Estimated cost \$27,900 (helmets only, plus tax and shipping).
3. Approve the Smith helmet purchase and a selection of rental gear at a level determined by the Board of Directors between the helmet total of \$27,900 and the budgeted total of \$97,150.

## Recommendation:

Staff recommends the board to consider approving option 1 above - Approve complete rental equipment purchase as recommended with a budget not to exceed the 2018 replacement reserve total of \$97,150 including tax and shipping.

The orders are anticipated to ship around mid-October 2018 to be ready for the 2018/2019 winter season.

# DECISION PAPER



Prepared By: Robert McClendon / Miguel Sloane

Reviewed By: Forrest Huisman

Reviewed By: Michael Salmon *MS*

Board Meeting Date: May 26, 2018

General Manager approval to place on the Agenda:

*[Signature]* Date: 5/19/18

## Rental Shop Order

Order	Quantity		Cost
Smith Helmets	870		\$23,560.00
Burton Boards	67		\$10,782.40
Burton Boots	144		\$15,676.80
Volkl Skis	122		\$13,908.00
Dalbello Boots	140		\$11,129.60
Scott Poles	85		\$1,300.50
Demo Skis	12		\$4,276.80
Demo Bindings	12		\$1,363.44
<b>Total</b>	<b>1452</b>		<b>\$81,997.54</b>
Tax			\$6,764.80
Shipping			\$8,199.75

Estimate Total **\$96,962.09**

Budget **\$97,150**

Under Budget **\$187.91**

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

Location	Model	Size	Model Year	Count
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## SKIS (5 YEAR LIFE SPAN)

1	DSL	Volk Unlimited AC	100-1	2009	1
2	DSL	Volk Unlimited AC	100-10	2009	1
3	DSL	Volk Unlimited AC	100-11	2009	1
4	DSL	Volk Unlimited AC	100-112	2009	1
5	DSL	Volk Unlimited AC	100-14	2009	1
6	DSL	Volk Unlimited AC	100-16s	2009	1
7	DSL	Volk Unlimited AC	100-21	2009	1
8	DSL	Volk Unlimited AC	100-22	2009	1
9	DSL	Volk Unlimited AC	100-23s	2009	1
10	DSL	Volk Unlimited AC	100-3	2009	1
11	DSL	Volk Unlimited AC	100-30	2009	1
12	DSL	Volk Unlimited AC	100-50	2009	1
13	DSL	Volk Unlimited AC	100-53	2009	1
14	DSL	Volk Unlimited AC	100-54	2009	1
15	DSL	Volk Unlimited AC	100-56	2009	1
16	DSL	Volk Unlimited AC	100-58	2009	1
17	DSL	Volk Unlimited AC	100-6	2009	1
18	DSL	Volk Unlimited AC	100-82s	2009	1
19	DSL	Volk Unlimited AC	100-90	2009	1
20	DSL	Volk Unlimited AC	100-98	2009	1
21	DSL	Volk Unlimited AC	110-100	2009	1
22	DSL	Volk Unlimited AC	110-112	2009	1
23	DSL	Volk Unlimited AC	110-31	2009	1
24	DSL	Volk Unlimited AC	110-33	2009	1
25	DSL	Volk Unlimited AC	110-35	2009	1
26	DSL	Volk Unlimited AC	110-36	2009	1
27	DSL	Volk Unlimited AC	110-37	2009	1
28	DSL	Volk Unlimited AC	110-39	2009	1
29	DSL	Volk Unlimited AC	110-4	2009	1
30	DSL	Volk Unlimited AC	110-43	2009	1
31	DSL	Volk Unlimited AC	110-45	2009	1
32	DSL	Volk Unlimited AC	110-47	2009	1
33	DSL	Volk Unlimited AC	110-48	2009	1
34	DSL	Volk Unlimited AC	110-49	2009	1
35	DSL	Volk Unlimited AC	110-52	2009	1
36	DSL	Volk Unlimited AC	110-55	2009	1
37	DSL	Volk Unlimited AC	110-58	2009	1
38	DSL	Volk Unlimited AC	110-62	2009	1
39	DSL	Volk Unlimited AC	110-63	2009	1
40	DSL	Volk Unlimited AC	110-66	2009	1
41	DSL	Volk Unlimited AC	110-69	2009	1
42	DSL	Volk Unlimited AC	110-73	2009	1
43	DSL	Volk Unlimited AC	110-8	2009	1
44	DSL	Volk Unlimited AC	110-9	2009	1
45	DSL	Volk Unlimited AC	120-100	2009	1
46	DSL	Volk Unlimited AC	120-101	2009	1
47	DSL	Volk Unlimited AC	120-11	2009	1
48	DSL	Volk Unlimited AC	120-112	2009	1
49	DSL	Volk Unlimited AC	126-2	2009	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

50	DSL	Volk Unlimited AC	120-22	2009	1
51	DSL	Volk Unlimited AC	120-23	2009	1
52	DSL	Volk Unlimited AC	120-24	2009	1
53	DSL	Volk Unlimited AC	120-25	2009	1
54	DSL	Volk Unlimited AC	120-28	2009	1
55	DSL	Volk Unlimited AC	120-29	2009	1
56	DSL	Volk Unlimited AC	120-30	2009	1
57	DSL	Volk Unlimited AC	120-31	2009	1
58	DSL	Volk Unlimited AC	120-32	2009	1
59	DSL	Volk Unlimited AC	120-33	2009	1
60	DSL	Volk Unlimited AC	120-34	2009	1
61	DSL	Volk Unlimited AC	120-35	2009	1
62	DSL	Volk Unlimited AC	120-36	2009	1
63	DSL	Volk Unlimited AC	120-39	2009	1
64	DSL	Volk Unlimited AC	120-40	2009	1
65	DSL	Volk Unlimited AC	120-42	2009	1
66	DSL	Volk Unlimited AC	120-43	2009	1
67	DSL	Volk Unlimited AC	120-44	2009	1
68	DSL	Volk Unlimited AC	120-45	2009	1
69	DSL	Volk Unlimited AC	120-46	2009	1
70	DSL	Volk Unlimited AC	120-49	2009	1
71	DSL	Volk Unlimited AC	120-50	2009	1
72	DSL	Volk Unlimited AC	120-51	2009	1
73	DSL	Volk Unlimited AC	120-57	2009	1
74	DSL	Volk Unlimited AC	120-73	2009	1
75	DSL	Volk Unlimited AC	120-75	2009	1
76	DSL	Volk Unlimited AC	120-76	2009	1
77	DSL	Volk Unlimited AC	120-77	2009	1
78	DSL	Volk Unlimited AC	120-79	2009	1
79	DSL	Volk Unlimited AC	120-81	2009	1
80	DSL	Volk Unlimited AC	120-82	2009	1
81	DSL	Volk Unlimited AC	120-83	2009	1
82	DSL	Volk Unlimited AC	120-84	2009	1
83	DSL	Volk Unlimited AC	120-85	2009	1
84	DSL	Volk Unlimited AC	120-95	2009	1
85	DSL	Volk Unlimited AC	120-98	2009	1
86	DSL	Volk Unlimited AC	120-99	2009	1
87	DSL	Volk Unlimited AC	80-30	2009	1
88	DSL	Volk Unlimited AC	80-31	2009	1
89	DSL	Volk Unlimited AC	80-32	2009	1
90	DSL	Volk Unlimited AC	80-33	2009	1
91	DSL	Volk Unlimited AC	80-34	2009	1
92	DSL	Volk Unlimited AC	80-35	2009	1
93	DSL	Volk Unlimited AC	80-36	2009	1
94	DSL	Volk Unlimited AC	80-37	2009	1
95	DSL	Volk Unlimited AC	80-38	2009	1
96	DSL	Volk Unlimited AC	80-39	2009	1
97	DSL	Volk Unlimited AC	80-40	2009	1
98	DSL	Volk Unlimited AC	80-42	2009	1
99	DSL	Volk Unlimited AC	80-43	2009	1
100	DSL	Volk Unlimited AC	80-46	2009	1
101	DSL	Volk Unlimited AC	80-47	2009	1
102	DSL	Volk Unlimited AC	80-6	2009	1
103	DSL	Volk Unlimited AC	80-60	2009	1
104	DSL	Volk Unlimited AC	80-78	2009	1
105	DSL	Volk Unlimited AC	90-46	2009	1



# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

106	DSL	Volk Unlimited AC	90-42	2009	1
107	DSL	Volk Unlimited AC	90-44s	2009	1
108	DSL	Volk Unlimited AC	90-45	2009	1
109	DSL	Volk Unlimited AC	90-46s	2009	1
110	DSL	Volk Unlimited AC	90-48s	2009	1
111	DSL	Volk Unlimited AC	90-49s	2009	1
112	DSL	Volk Unlimited AC	90-51	2009	1
113	DSL	Volk Unlimited AC	90-52	2009	1
114	DSL	Volk Unlimited AC	90-53s	2009	1
115	DSL	Volk Unlimited AC	90-54s	2009	1
116	DSL	Volk Unlimited AC	90-55s	2009	1
117	DSL	Volk Unlimited AC	90-57s	2009	1
118	DSL	Volk Unlimited AC	90-58s	2009	1
119	DSL	Volk Unlimited AC	90-59s	2009	1
120	DSL	Volk Unlimited AC	90-61	2009	1
121	DSL	Volk Unlimited AC	90-62	2009	1
122	DSL	Volk Unlimited AC	90-63	2009	1
123	DSL	Volk Unlimited AC	90-65	2009	1
124	DSL	Volk Unlimited AC	90-72s	2009	1
125	DSL	Volk Unlimited AC	90-73	2009	1
126	DSL	Volk Unlimited AC	90-73s	2009	1
127	DSL	Volk Unlimited AC	90-74s	2009	1
128	DSL	Volk Unlimited AC	90-76	2009	1
129	DSL	Volk Unlimited AC	90-77	2009	1
130	DSL	Volk Unlimited AC	90-78s	2009	1
131	DSL	Volk Unlimited AC	90-79s	2009	1
132	DSL	Volk Unlimited AC	90-80	2009	1
133	DSL	Volk RTM	100-31	2011	1
134	DSL	Volk RTM	100-32s	2011	1
135	DSL	Volk RTM	100-33s	2011	1
136	DSL	Volk RTM	100-34s	2011	1
137	DSL	Volk RTM	100-35s	2011	1
138	DSL	Volk RTM	100-37s	2011	1
139	DSL	Volk RTM	100-38	2011	1
140	DSL	Volk RTM	100-39	2011	1
141	DSL	Volk RTM	100-40	2011	1
142	DSL	Volk RTM	100-43	2011	1
143	DSL	Volk RTM	100-44	2011	1
144	DSL	Volk RTM	100-45	2011	1
145	DSL	Volk RTM	110-113	2011	1
146	DSL	Volk RTM	110-65	2011	1
147	DSL	Volk RTM	110-66	2011	1
148	DSL	Volk RTM	110-67	2011	1
149	DSL	Volk RTM	110-68	2011	1
150	DSL	Volk RTM	110-70	2011	1
151	DSL	Volk RTM	110-71	2011	1
152	DSL	Volk RTM	110-72	2011	1
153	DSL	Volk RTM	110-73	2011	1
154	DSL	Volk RTM	110-74	2011	1
155	DSL	Volk RTM	110-75	2011	1
156	DSL	Volk RTM	110-76	2011	1
157	DSL	Volk RTM	110-77	2011	1
158	DSL	Volk RTM	110-78	2011	1
159	DSL	Volk RTM	110-79	2011	1
160	DSL	Volk RTM	110-80	2011	1
161	DSL	Volk RTM	110-81	2011	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

162	DSL	Volkl RTM	110-83	2011	1
163	DSL	Volkl RTM	110-84	2011	1
164	DSL	Volkl RTM	120-10	2011	1
165	DSL	Volkl RTM	120-113	2011	1
166	DSL	Volkl RTM	120-114	2011	1
167	DSL	Volkl RTM	120-115	2011	1
168	DSL	Volkl RTM	120-12	2011	1
169	DSL	Volkl RTM	120-14	2011	1
170	DSL	Volkl RTM	120-15	2011	1
171	DSL	Volkl RTM	120-16	2011	1
172	DSL	Volkl RTM	120-17	2011	1
173	DSL	Volkl RTM	120-18	2011	1
174	DSL	Volkl RTM	120-19	2011	1
175	DSL	Volkl RTM	120-20	2011	1
176	DSL	Volkl RTM	120-21	2011	1
177	DSL	Volkl RTM	120-3	2011	1
178	DSL	Volkl RTM	120-5	2011	1
179	DSL	Volkl RTM	120-6	2011	1
180	DSL	Volkl RTM	120-7	2011	1
181	DSL	Volkl RTM	80-50	2011	1
182	DSL	Volkl RTM	80-51	2011	1
183	DSL	Volkl RTM	80-53	2011	1
184	DSL	Volkl RTM	80-54	2011	1
185	DSL	Volkl RTM	80-55	2011	1
186	DSL	Volkl RTM	80-57	2011	1
187	DSL	Volkl RTM	80-58	2011	1
188	DSL	Volkl RTM	80-59	2011	1
189	DSL	Volkl RTM	90-81s	2011	1
190	DSL	Volkl RTM	90-83s	2011	1
191	DSL	Volkl RTM	90-87	2011	1
192	DSL	Volkl RTM	90-89s	2011	1
193	DSL	Volkl RTM	90-90s	2011	1
194	DSL	Volkl Unlimited AC	80-52	2011	1
195	DSL	Volkl Unlimited AC	80-56	2011	1
196	DSL	Volkl Unlimited AC	90-85	2011	1
197	DSL	Volkl Unlimited AC	90-86s	2011	1
198	DSL	Volkl RTM	100-101	2012	1
199	DSL	Volkl RTM	100-103	2012	1
200	DSL	Volkl RTM	100-104	2012	1
201	DSL	Volkl RTM	100-105	2012	1
202	DSL	Volkl RTM	100-106	2012	1
203	DSL	Volkl RTM	100-107	2012	1
204	DSL	Volkl RTM	100-108	2012	1
205	DSL	Volkl RTM	100-109	2012	1
206	DSL	Volkl RTM	100-110	2012	1
207	DSL	Volkl RTM	110-101	2012	1
208	DSL	Volkl RTM	110-102	2012	1
209	DSL	Volkl RTM	110-103	2012	1
210	DSL	Volkl RTM	110-104	2012	1
211	DSL	Volkl RTM	110-105	2012	1
212	DSL	Volkl RTM	110-106	2012	1
213	DSL	Volkl RTM	110-107	2012	1
214	DSL	Volkl RTM	110-108	2012	1
215	DSL	Volkl RTM	110-109	2012	1
216	DSL	Volkl RTM	110-110	2012	1
217	DSL	Volkl RTM	120-102	2012	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

218	DSL	Volk RTM	120-103	2012	1
219	DSL	Volk RTM	120-104	2012	1
220	DSL	Volk RTM	120-105	2012	1
221	DSL	Volk RTM	120-106	2012	1
222	DSL	Volk RTM	120-107	2012	1
223	DSL	Volk RTM	120-108	2012	1
224	DSL	Volk RTM	120-109	2012	1
225	DSL	Volk RTM	120-110	2012	1
226	DSL	Volk RTM	120-111	2012	1
227	DSL	Volk RTM	80-81	2012	1
228	DSL	Volk RTM	80-82	2012	1
229	DSL	Volk RTM	80-83	2012	1
230	DSL	Volk RTM	80-84	2012	1
231	DSL	Volk RTM	80-85	2012	1
232	DSL	Volk RTM	80-86	2012	1
233	DSL	Volk RTM	80-87	2012	1
234	DSL	Volk RTM	80-88	2012	1
235	DSL	Volk RTM	80-89	2012	1
236	DSL	Volk RTM	80-90	2012	1
237	DSL	Volk RTM	90-100	2012	1
238	DSL	Volk RTM	90-101	2012	1
239	DSL	Volk RTM	90-102	2012	1
240	DSL	Volk RTM	90-103	2012	1
241	DSL	Volk RTM	90-104	2012	1
242	DSL	Volk RTM	90-105	2012	1
243	DSL	Volk RTM	90-106	2012	1
244	DSL	Volk RTM	90-107	2012	1
245	DSL	Volk RTM	90-108	2012	1
246	DSL	Volk RTM	90-109	2012	1
247	DSL	Volk Chica	100-112	2013	1
248	DSL	Volk Chica	100-113	2013	1
249	DSL	Volk Chica	100-114	2013	1
250	DSL	Volk Chica	100-116	2013	1
251	DSL	Volk Chica	80-91	2013	1
252	DSL	Volk Chica	80-92	2013	1
253	DSL	Volk Chica	80-93	2013	1
254	DSL	Volk Chica	80-94	2013	1
255	DSL	Volk Chica	80-95	2013	1
256	DSL	Volk Chica	90-110	2013	1
257	DSL	Volk Chica	90-111	2013	1
258	DSL	Volk Chica	90-112	2013	1
259	DSL	Volk Chica	90-113	2013	1
260	DSL	Volk Chica	90-114	2013	1
261	DSL	Volk RTM	80-100	2013	1
262	DSL	Volk RTM	80-101	2013	1
263	DSL	Volk RTM	80-102	2013	1
264	DSL	Volk RTM	80-103	2013	1
265	DSL	Volk RTM	80-104	2013	1
266	DSL	Volk RTM	80-105	2013	1
267	DSL	Volk RTM	80-106	2013	1
268	DSL	Volk RTM	80-107	2013	1
269	DSL	Volk RTM	80-108	2013	1
270	DSL	Volk RTM	80-109	2013	1
271	DSL	Volk RTM	80-110	2013	1
272	DSL	Volk RTM	80-96	2013	1
273	DSL	Volk RTM	80-97	2013	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

274	DSL	Volkl RTM	80-98	2013	1
275	DSL	Volkl RTM	80-99	2013	1
276	DSL	Volkl RTM	90-115	2013	1
277	DSL	Volkl RTM	90-116	2013	1
278	DSL	Volkl RTM	90-117	2013	1
279	DSL	Volkl RTM	90-118	2013	1
280	DSL	Volkl RTM	90-119	2013	1
281	DSL	Volkl RTM	90-120	2013	1
282	DSL	Volkl RTM	90-121	2013	1
283	DSL	Volkl RTM	90-122	2013	1
284	DSL	Volkl RTM	90-123	2013	1
285	DSL	Volkl RTM	90-124	2013	1
286	DSL	Volkl RTM	90-125	2013	1
287	DSL	Volkl RTM	90-126	2013	1
288	DSL	Volkl RTM	90-127	2013	1
289	DSL	Volkl RTM	90-129	2013	1

## SKI BOOTS (5 YEAR LIFE SPAN)

1	DSL	FXR	225-10	2009	1
2	DSL	FXR	225-11	2009	1
3	DSL	FXR	225-12	2009	1
4	DSL	FXR	225-13	2009	1
5	DSL	FXR	225-14	2009	1
6	DSL	FXR	225-15	2009	1
7	DSL	FXR	225-16	2009	1
8	DSL	FXR	225-17	2009	1
9	DSL	FXR	225-18	2009	1
10	DSL	FXR	225-19	2009	1
11	DSL	FXR	225-2	2009	1
12	DSL	FXR	225-20	2009	1
13	DSL	FXR	225-3	2009	1
14	DSL	FXR	225-4	2009	1
15	DSL	FXR	225-5	2009	1
16	DSL	FXR	225-6	2009	1
17	DSL	FXR	225-7	2009	1
18	DSL	FXR	225-9	2009	1
19	DSL	FXR	5F-225	2009	1
20	DSL	Technica- Old	250-24	2009	1
21	DSL	Technica- Old	255-25	2009	1
22	DSL	Technica- Old	255-31	2009	1
23	DSL	Technica- Old	255-46	2009	1
24	DSL	Technica- Old	285-37	2009	1
25	DSL	Vantage	250-1	2009	1
26	DSL	Vantage	250-10	2009	1
27	DSL	Vantage	250-11	2009	1
28	DSL	Vantage	250-12	2009	1
29	DSL	Vantage	250-13	2009	1
30	DSL	Vantage	250-15	2009	1
31	DSL	Vantage	250-2	2009	1
32	DSL	Vantage	250-3	2009	1
33	DSL	Vantage	250-4	2009	1
34	DSL	Vantage	250-5	2009	1
35	DSL	Vantage	250-7	2009	1
36	DSL	Vantage	250-8	2009	1
37	DSL	Vantage	250-9	2009	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

38	DSL	Vantage	255	2009	1
39	DSL	Vantage	255-1	2009	1
40	DSL	Vantage	255-10	2009	1
41	DSL	Vantage	255-11	2009	1
42	DSL	Vantage	255-12	2009	1
43	DSL	Vantage	255-13	2009	1
44	DSL	Vantage	255-14	2009	1
45	DSL	Vantage	255-2	2009	1
46	DSL	Vantage	255-3	2009	1
47	DSL	Vantage	255-4	2009	1
48	DSL	Vantage	255-5	2009	1
49	DSL	Vantage	255-6	2009	1
50	DSL	Vantage	255-7	2009	1
51	DSL	Vantage	255-8	2009	1
52	DSL	Vantage	255-9	2009	1
53	DSL	Vantage	260-11	2009	1
54	DSL	Vantage	260-13	2009	1
55	DSL	Vantage	260-15	2009	1
56	DSL	Vantage	260-3	2009	1
57	DSL	Vantage	265-1	2009	1
58	DSL	Vantage	265-15	2009	1
59	DSL	Vantage	265-2	2009	1
60	DSL	Vantage	265-3	2009	1
61	DSL	Vantage	265-4	2009	1
62	DSL	Vantage	265-7	2009	1
63	DSL	Vantage	265-8	2009	1
64	DSL	Vantage	270-10	2009	1
65	DSL	Vantage	270-12	2009	1
66	DSL	Vantage	270-15	2009	1
67	DSL	Vantage	270-2	2009	1
68	DSL	Vantage	270-3	2009	1
69	DSL	Vantage	270-6	2009	1
70	DSL	Vantage	270-7	2009	1
71	DSL	Vantage	270-9	2009	1
72	DSL	Vantage	275-11	2009	1
73	DSL	Vantage	275-12	2009	1
74	DSL	Vantage	275-13	2009	1
75	DSL	Vantage	275-14	2009	1
76	DSL	Vantage	275-15	2009	1
77	DSL	Vantage	275-2	2009	1
78	DSL	Vantage	275-3	2009	1
79	DSL	Vantage	275-4	2009	1
80	DSL	Vantage	275-5	2009	1
81	DSL	Vantage	275-7	2009	1
82	DSL	Vantage	275-8	2009	1
83	DSL	Vantage	275-9	2009	1
84	DSL	Vantage	280-11	2009	1
85	DSL	Vantage	285-1	2009	1
86	DSL	Vantage	285-10	2009	1
87	DSL	Vantage	285-11	2009	1
88	DSL	Vantage	285-12	2009	1
89	DSL	Vantage	285-13	2009	1
90	DSL	Vantage	285-14	2009	1
91	DSL	Vantage	285-15	2009	1
92	DSL	Vantage	285-2	2009	1
93	DSL	Vantage	285-3	2009	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

94	DSL	Vantage	285-4	2009	1
95	DSL	Vantage	285-5	2009	1
96	DSL	Vantage	285-6	2009	1
97	DSL	Vantage	285-8	2009	1
98	DSL	FXR	225-30	2010	1
99	DSL	FXR	225-32	2010	1
100	DSL	FXR	SF-225	2010	4
101	DSL	Vantage	250-48	2010	1
102	DSL	Vantage	250-49	2010	1
103	DSL	Vantage	250-51	2010	1
104	DSL	Vantage	250-52	2010	1
105	DSL	Vantage	250-53	2010	1
106	DSL	Vantage	250-54	2010	1
107	DSL	Vantage	250-55	2010	1
108	DSL	Vantage	255-16	2010	1
109	DSL	Vantage	255-17	2010	1
110	DSL	Vantage	255-18	2010	1
111	DSL	Vantage	255-19	2010	1
112	DSL	Vantage	255-20	2010	1
113	DSL	Vantage	255-21	2010	1
114	DSL	Vantage	255-22	2010	1
115	DSL	Vantage	255-23	2010	1
116	DSL	Vantage	260-21	2010	1
117	DSL	Vantage	260-22	2010	1
118	DSL	Vantage	260-23	2010	1
119	DSL	Vantage	260-25	2010	1
120	DSL	Vantage	260-28	2010	1
121	DSL	Vantage	265-16	2010	1
122	DSL	Vantage	265-17	2010	1
123	DSL	Vantage	265-18	2010	1
124	DSL	Vantage	265-19	2010	1
125	DSL	Vantage	265-21	2010	1
126	DSL	Vantage	265-22	2010	1
127	DSL	Vantage	265-23	2010	1
128	DSL	Vantage	270-16	2010	1
129	DSL	Vantage	270-18	2010	1
130	DSL	Vantage	270-20	2010	1
131	DSL	Vantage	270-21	2010	1
132	DSL	Vantage	270-22	2010	1
133	DSL	Vantage	270-23	2010	1
134	DSL	Vantage	275-17	2010	1
135	DSL	Vantage	275-18	2010	1
136	DSL	Vantage	275-19	2010	1
137	DSL	Vantage	275-22	2010	1
138	DSL	Vantage	275-25	2010	1
139	DSL	Vantage	275-26	2010	1
140	DSL	FXR	225-33	2011	1
141	DSL	FXR	225-34	2011	1
142	DSL	FXR	225-35	2011	1
143	DSL	FXR	225-36	2011	1
144	DSL	FXR	225-37	2011	1
145	DSL	FXR	225-38	2011	1
146	DSL	FXR	225-39	2011	1
147	DSL	FXR	225-40	2011	1
148	DSL	FXR	225-41	2011	1
149	DSL	FXR	225-42	2011	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

150	DSL	FXR	225-43	2011	1
151	DSL	FXR	225-44	2011	1
152	DSL	FXR	225-45	2011	1
153	DSL	FXR	225-46	2011	1
154	DSL	FXR	225-47	2011	1
155	DSL	FXR	225-48	2011	1
156	DSL	FXR	225-49	2011	1
157	DSL	FXR	225-50	2011	1
158	DSL	Vantage	250-16	2011	1
159	DSL	Vantage	250-17	2011	1
160	DSL	Vantage	250-18	2011	1
161	DSL	Vantage	250-19	2011	1
162	DSL	Vantage	250-20	2011	1
163	DSL	Vantage	250-22	2011	1
164	DSL	Vantage	250-23	2011	1
165	DSL	Vantage	260-29	2011	1
166	DSL	Vantage	260-30	2011	1
167	DSL	Vantage	260-31	2011	1
168	DSL	Vantage	260-32	2011	1
169	DSL	Vantage	260-33	2011	1
170	DSL	Vantage	260-34	2011	1
171	DSL	Vantage	270-23	2011	1
172	DSL	Vantage	270-24	2011	1
173	DSL	Vantage	270-25	2011	1
174	DSL	Vantage	270-26	2011	1
175	DSL	Vantage	270-27	2011	1
176	DSL	Vantage	270-28	2011	1
177	DSL	Vantage	275-23	2011	1
178	DSL	Vantage	275-24	2011	1
179	DSL	Vantage	275-27	2011	1
180	DSL	Vantage	275-28	2011	1
181	DSL	Vantage	280-16	2011	1
182	DSL	Vantage	280-17	2011	1
183	DSL	Vantage	280-18	2011	1
184	DSL	Vantage	280-19	2011	1
185	DSL	Vantage	280-20	2011	1
186	DSL	Vantage	280-21	2011	1
187	DSL	Vantage	285-16	2011	1
188	DSL	Vantage	285-17	2011	1
189	DSL	Vantage	285-18	2011	1
190	DSL	Vantage	285-19	2011	1
191	DSL	Vantage	285-20	2011	1
192	DSL	Vantage	285-21	2011	1
193	DSL	Vantage	285-22	2011	1
194	DSL	Vantage	285-23	2011	2
195	DSL	Vantage	285-24	2011	1
196	DSL	Vantage	285-26	2011	1
197	DSL	Vantage	285-27	2011	1
198	DSL	FXR	225-51	2012	1
199	DSL	FXR	225-52	2012	1
200	DSL	FXR	225-53	2012	1
201	DSL	FXR	225-55	2012	1
202	DSL	FXR	225-56	2012	1
203	DSL	FXR	225-57	2012	1
204	DSL	FXR	225-58	2012	1
205	DSL	FXR	225-59	2012	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

206	DSL	FXR	225-60	2012	1
207	DSL	FXR	225-61	2012	1
208	DSL	FXR	225-62	2012	1
209	DSL	FXR	225-63	2012	1
210	DSL	FXR	225-64	2012	1
211	DSL	FXR	225-65	2012	1
212	DSL	Vantage	250-56	2012	1
213	DSL	Vantage	250-57	2012	1
214	DSL	Vantage	250-58	2012	1
215	DSL	Vantage	250-59	2012	1
216	DSL	Vantage	250-60	2012	1
217	DSL	Vantage	255-24	2012	1
218	DSL	Vantage	255-25	2012	1
219	DSL	Vantage	255-26	2012	1
220	DSL	Vantage	255-27	2012	1
221	DSL	Vantage	255-28	2012	1
222	DSL	Vantage	250-62	2013	1
223	DSL	Vantage	250-63	2013	1
224	DSL	Vantage	250-64	2013	1
225	DSL	Vantage	250-65	2013	1
226	DSL	Vantage	250-66	2013	1
227	DSL	Vantage	250-67	2013	1
228	DSL	Vantage	250-68	2013	1
229	DSL	Vantage	250-69	2013	1
230	DSL	Vantage	250-70	2013	1
231	DSL	Vantage	255-47	2013	1
232	DSL	Vantage	255-48	2013	1
233	DSL	Vantage	255-49	2013	1
234	DSL	Vantage	255-50	2013	1
235	DSL	Vantage	255-51	2013	1
236	DSL	Vantage	255-53	2013	1
237	DSL	Vantage	255-54	2013	1
238	DSL	Vantage	255-55	2013	1
239	DSL	Vantage	255-56	2013	1
240	DSL	Vantage	260-57	2013	1
241	DSL	Vantage	260-58	2013	1
242	DSL	Vantage	260-59	2013	1
243	DSL	Vantage	260-60	2013	1
244	DSL	Vantage	260-61	2013	1
245	DSL	Vantage	260-62	2013	1
246	DSL	Vantage	260-63	2013	1
247	DSL	Vantage	260-64	2013	1
248	DSL	Vantage	260-65	2013	1
249	DSL	Vantage	260-66	2013	1
250	DSL	Vantage	260-67	2013	1
251	DSL	Vantage	260-68	2013	1
252	DSL	Vantage	260-69	2013	1
253	DSL	Vantage	265-48	2013	1
254	DSL	Vantage	265-49	2013	1
255	DSL	Vantage	265-51	2013	1
256	DSL	Vantage	265-53	2013	1
257	DSL	Vantage	265-54	2013	1
258	DSL	Vantage	265-55	2013	1
259	DSL	Vantage	265-56	2013	1
260	DSL	Vantage	265-57	2013	1
261	DSL	Vantage	265-60	2013	1



# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

262	DSL	Vantage	270-56	2013	1
263	DSL	Vantage	270-57	2013	1
264	DSL	Vantage	270-58	2013	1
265	DSL	Vantage	270-59	2013	1
266	DSL	Vantage	270-60	2013	1
267	DSL	Vantage	270-61	2013	1
268	DSL	Vantage	270-63	2013	1
269	DSL	Vantage	270-64	2013	1
270	DSL	Vantage	270-65	2013	1
271	DSL	Vantage	270-66	2013	1
272	DSL	Vantage	270-67	2013	1
273	DSL	Vantage	270-68	2013	1
274	DSL	Vantage	270-69	2013	1
275	DSL	Vantage	270-70	2013	1
276	DSL	Vantage	275-43	2013	1
277	DSL	Vantage	275-44	2013	1
278	DSL	Vantage	275-46	2013	1
279	DSL	Vantage	275-47	2013	1
280	DSL	Vantage	275-48	2013	1
281	DSL	Vantage	275-49	2013	1
282	DSL	Vantage	275-50	2013	1
283	DSL	Vantage	275-51	2013	1
284	DSL	Vantage	275-52	2013	1
285	DSL	Vantage	280-36	2013	1
286	DSL	Vantage	280-37	2013	1
287	DSL	Vantage	280-38	2013	1
288	DSL	Vantage	280-40	2013	1
289	DSL	Vantage	280-41	2013	1
290	DSL	Vantage	280-42	2013	1
291	DSL	Vantage	280-43	2013	1
292	DSL	Vantage	280-45	2013	1
293	DSL	Vantage	285-39	2013	1
294	DSL	Vantage	285-40	2013	1
295	DSL	Vantage	285-41	2013	1
296	DSL	Vantage	285-43	2013	1
297	DSL	Vantage	285-45	2013	1
298	DSL	Vantage	285-46	2013	1
299	DSL	Vantage	285-47	2013	1
300	DSL	Vantage	285-48	2013	1

## SNOWBOARDS (8 YEAR LIFE SPAN)

1	DSL	LTR 130-160W	130-1	2009	1
2	DSL	LTR 130-160W	130-10	2009	1
3	DSL	LTR 130-160W	130-12	2009	2
4	DSL	LTR 130-160W	130-13	2009	1
5	DSL	LTR 130-160W	130-14	2009	1
6	DSL	LTR 130-160W	130-16	2009	1
7	DSL	LTR 130-160W	130-17	2009	1
8	DSL	LTR 130-160W	130-18	2009	1
9	DSL	LTR 130-160W	130-19	2009	1
10	DSL	LTR 130-160W	130-2	2009	1
11	DSL	LTR 130-160W	130-21	2009	1
12	DSL	LTR 130-160W	130-22	2009	1
13	DSL	LTR 130-160W	130-23	2009	1
14	DSL	LTR 130-160W	130-24	2009	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

15	DSL	LTR 130-160W	130-25	2009	1
16	DSL	LTR 130-160W	130-26	2009	1
17	DSL	LTR 130-160W	130-27	2009	1
18	DSL	LTR 130-160W	130-3	2009	1
19	DSL	LTR 130-160W	130-4	2009	2
20	DSL	LTR 130-160W	130-6	2009	1
21	DSL	LTR 130-160W	130-7	2009	2
22	DSL	LTR 130-160W	130-8	2009	1
23	DSL	LTR 130-160W	140-10	2009	1
24	DSL	LTR 130-160W	140-13	2009	1
25	DSL	LTR 130-160W	140-14	2009	1
26	DSL	LTR 130-160W	140-15	2009	1
27	DSL	LTR 130-160W	140-16	2009	1
28	DSL	LTR 130-160W	140-17	2009	1
29	DSL	LTR 130-160W	140-18	2009	1
30	DSL	LTR 130-160W	140-20	2009	1
31	DSL	LTR 130-160W	140-21	2009	1
32	DSL	LTR 130-160W	140-23	2009	1
33	DSL	LTR 130-160W	140-24	2009	1
34	DSL	LTR 130-160W	140-26	2009	1
35	DSL	LTR 130-160W	140-27	2009	1
36	DSL	LTR 130-160W	140-29	2009	1
37	DSL	LTR 130-160W	140-31	2009	1
38	DSL	LTR 130-160W	140-33	2009	1
39	DSL	LTR 130-160W	140-34	2009	1
40	DSL	LTR 130-160W	140-35	2009	1
41	DSL	LTR 130-160W	140-9	2009	1
42	DSL	LTR 130-160W	150-13	2009	1
43	DSL	LTR 130-160W	150-15	2009	1
44	DSL	LTR 130-160W	150-18	2009	1
45	DSL	LTR 130-160W	150-23	2009	1
46	DSL	LTR 130-160W	150-25	2009	1
47	DSL	LTR 130-160W	150-26	2009	1
48	DSL	LTR 130-160W	150-27	2009	1
49	DSL	LTR 130-160W	150-28	2009	1
50	DSL	LTR 130-160W	150-29	2009	1
51	DSL	LTR 130-160W	150-30	2009	1
52	DSL	LTR 130-160W	150-31	2009	1
53	DSL	LTR 130-160W	150-34	2009	1
54	DSL	LTR 130-160W	153-1	2009	1
55	DSL	LTR 130-160W	153-10	2009	1
56	DSL	LTR 130-160W	153-12	2009	1
57	DSL	LTR 130-160W	153-13	2009	1
58	DSL	LTR 130-160W	153-15	2009	1
59	DSL	LTR 130-160W	153-16	2009	1
60	DSL	LTR 130-160W	153-17	2009	1
61	DSL	LTR 130-160W	153-19	2009	1
62	DSL	LTR 130-160W	153-20	2009	1
63	DSL	LTR 130-160W	153-21	2009	1
64	DSL	LTR 130-160W	153-3	2009	1
65	DSL	LTR 130-160W	153-5	2009	1
66	DSL	LTR 130-160W	153-6	2009	1
67	DSL	LTR 130-180W	153-8	2009	1
68	DSL	LTR 130-160W	153-9	2009	1
69	DSL	LTR 130-160W	154-11	2009	1
70	DSL	LTR 130-160W	154-13	2009	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

71	DSL	LTR 130-160W	154-14	2009	1
72	DSL	LTR 130-160W	154-15	2009	1
73	DSL	LTR 130-160W	154-16	2009	1
74	DSL	LTR 130-160W	154-18	2009	1
75	DSL	LTR 130-160W	154-2	2009	1
76	DSL	LTR 130-160W	154-21	2009	1
77	DSL	LTR 130-160W	154-23	2009	1
78	DSL	LTR 130-160W	154-24	2009	1
79	DSL	LTR 130-160W	154-25	2009	1
80	DSL	LTR 130-160W	154-26	2009	1
81	DSL	LTR 130-160W	154-27	2009	1
82	DSL	LTR 130-160W	154-3	2009	1
83	DSL	LTR 130-160W	154-7	2009	1
84	DSL	LTR 130-160W	154-8	2009	1
85	DSL	LTR 130-160W	155-1	2009	1
86	DSL	LTR 130-160W	155-2	2009	1
87	DSL	LTR 130-160W	155-4	2009	1
88	DSL	LTR 130-160W	155-5	2009	1
89	DSL	LTR 130-160W	155-6	2009	1
90	DSL	LTR 130-160W	155-8	2009	1
91	DSL	LTR 130-160W	155-9	2009	1
92	DSL	LTR 130-160W	160-11	2009	1
93	DSL	LTR 130-160W	160-12	2009	1
94	DSL	LTR 130-160W	160-13	2009	1
95	DSL	LTR 130-160W	160-15	2009	1
96	DSL	LTR 130-160W	160-16	2009	1
97	DSL	LTR 130-160W	160-17	2009	1
98	DSL	LTR 130-160W	160-2	2009	1
99	DSL	LTR 130-160W	160-8	2009	1
100	DSL	LTR 130-160W	160-9	2009	2
101	DSL	LTR 130-160W	164-1	2009	1
102	DSL	LTR 130-160W	164-4	2009	1
103	DSL	LTR 130-160W	164-5	2009	1
104	DSL	LTR 80-125W	100-11	2009	1
105	DSL	LTR 80-125W	100-12	2009	1
106	DSL	LTR 80-125W	100-13	2009	1
107	DSL	LTR 80-125W	100-14	2009	1
108	DSL	LTR 80-125W	100-15	2009	1
109	DSL	LTR 80-125W	100-16	2009	1
110	DSL	LTR 80-125W	100-17	2009	1
111	DSL	LTR 80-125W	100-19	2009	1
112	DSL	LTR 80-125W	100-20	2009	1
113	DSL	LTR 80-125W	100-8	2009	1
114	DSL	LTR 80-125W	90-2	2009	1
115	DSL	LTR 80-125W	90-3	2009	1
116	DSL	LTR 80-125W	90-4	2009	1
117	DSL	LTR 80-125W	90-5	2009	1
118	DSL	LTR 80-125W	80-1	2010	1
119	DSL	LTR 80-125W	80-10	2010	1
120	DSL	LTR 80-125W	80-2	2010	1
121	DSL	LTR 80-125W	80-3	2010	1
122	DSL	LTR 80-125W	80-4	2010	1
123	DSL	LTR 80-125W	80-5	2010	1
124	DSL	LTR 80-125W	80-6	2010	1
125	DSL	LTR 80-125W	80-7	2010	1
126	DSL	LTR 80-125W	80-8	2010	1

## Rental Fleet 5 or more years old

## Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

127	DSL	LTR 80-125W	80-9	2010	1
128	DSL	LTR 80-125W	90-10	2010	1
129	DSL	LTR 80-125W	90-11	2010	1
130	DSL	LTR 80-125W	90-12	2010	1
131	DSL	LTR 80-125W	90-13	2010	1
132	DSL	LTR 80-125W	90-14	2010	1
133	DSL	LTR 80-125W	90-15	2010	1
134	DSL	LTR 80-125W	90-6	2010	1
135	DSL	LTR 80-125W	90-7	2010	1
136	DSL	LTR 80-125W	90-8	2010	1
137	DSL	LTR 80-125W	90-9	2010	1
138	DSL	Cruzer	164-10	2011	1
139	DSL	Cruzer	164-6	2011	1
140	DSL	Cruzer	164-7	2011	1
141	DSL	Cruzer	164-8	2011	1
142	DSL	Cruzer	164-9	2011	1
143	DSL	LTR 130-160W	140-1	2011	1
144	DSL	LTR 130-160W	140-2	2011	1
145	DSL	LTR 130-160W	140-3	2011	1
146	DSL	LTR 130-160W	140-4	2011	1
147	DSL	LTR 130-160W	150-35	2011	1
148	DSL	LTR 130-160W	150-36	2011	1
149	DSL	LTR 130-160W	150-37	2011	1
150	DSL	LTR 130-160W	160-18	2011	1
151	DSL	LTR 130-160W	160-19	2011	1
152	DSL	LTR 130-160W	160-20	2011	1
153	DSL	LTR 130-160W	160-21	2011	1
154	DSL	LTR 130-160W	160-22	2011	1
155	DSL	LTR 130-160W	155-11	2013	1
156	DSL	LTR 130-160W	155-12	2013	1
157	DSL	LTR 130-160W	155-13	2013	1
158	DSL	LTR 130-160W	155-14	2013	1
159	DSL	LTR 130-160W	155-15	2013	1
160	DSL	LTR 130-160W	155-16	2013	1
161	DSL	LTR 130-160W	155-17	2013	1
162	DSL	LTR 130-160W	155-18	2013	1
163	DSL	LTR 130-160W	155-19	2013	1
164	DSL	LTR 130-160W	155-20	2013	1

### SNOWBOARD BOOTS (8 YEAR LIFE SPAN)

1	DSL	Progression- AD	7.5-3	2008	1
2	DSL	Progression- AD	7.5-5	2008	1
3	DSL	Progression- AD	7-5H	2008	1
4	DSL	Progression- AD	8.5-5	2008	1
5	DSL	Progression- CH	1-1	2008	1
6	DSL	Progression- CH	1-10	2008	1
7	DSL	Progression- CH	1-2	2008	1
8	DSL	Progression- CH	12c	2008	1
9	DSL	Progression- CH	12c-1	2008	1
10	DSL	Progression- CH	12c-2	2008	1
11	DSL	Progression- CH	12c-5	2008	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

12	DSL	Progression- CH	12c-6	2008	1
13	DSL	Progression- CH	1-3	2008	1
14	DSL	Progression- CH	13c-1	2008	1
15	DSL	Progression- CH	13c-10	2008	1
16	DSL	Progression- CH	13c-11	2008	1
17	DSL	Progression- CH	13c-12	2008	1
18	DSL	Progression- CH	13c-13	2008	1
19	DSL	Progression- CH	13c-14	2008	1
20	DSL	Progression- CH	13c-15	2008	1
21	DSL	Progression- CH	13c-16	2008	1
22	DSL	Progression- CH	13c-17	2008	1
23	DSL	Progression- CH	13c-18	2008	1
24	DSL	Progression- CH	13c-19	2008	1
25	DSL	Progression- CH	13c-2	2008	1
26	DSL	Progression- CH	13c-20	2008	1
27	DSL	Progression- CH	13c-3	2008	1
28	DSL	Progression- CH	13c-4	2008	1
29	DSL	Progression- CH	13c-5	2008	1
30	DSL	Progression- CH	13c-6	2008	1
31	DSL	Progression- CH	13c-7	2008	1
32	DSL	Progression- CH	13c-8	2008	1
33	DSL	Progression- CH	13c-9	2008	1
34	DSL	Progression- CH	1-4	2008	1
35	DSL	Progression- CH	1-6	2008	1
36	DSL	Progression- CH	1-7	2008	1
37	DSL	Progression- CH	1-8	2008	1
38	DSL	Progression- CH	1-9	2008	1
39	DSL	Progression- CH	2-1	2008	1
40	DSL	Progression- CH	2-10	2008	1
41	DSL	Progression- CH	2-2	2008	1
42	DSL	Progression- CH	2-3	2008	1
43	DSL	Progression- CH	2-4	2008	1
44	DSL	Progression- CH	2-6	2008	1
45	DSL	Progression- CH	2-7	2008	1
46	DSL	Progression- CH	2-8	2008	1
47	DSL	Progression- CH	2-9	2008	1
48	DSL	Progression- CH	1-11	2010	1
49	DSL	Progression- CH	1-12	2010	1
50	DSL	Progression- CH	1-13	2010	1
51	DSL	Progression- CH	1-14	2010	1
52	DSL	Progression- CH	1-15	2010	1
53	DSL	Progression- CH	1-17	2010	1
54	DSL	Progression- CH	1-18	2010	1
55	DSL	Progression- CH	1-19	2010	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer, Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

56	DSL	Progression- CH	1-20	2010	1
57	DSL	Progression- CH	12c-10	2010	1
58	DSL	Progression- CH	12c-11	2010	1
59	DSL	Progression- CH	12c-12	2010	1
60	DSL	Progression- CH	12c-13	2010	1
61	DSL	Progression- CH	12c-14	2010	1
62	DSL	Progression- CH	12c-15	2010	1
63	DSL	Progression- CH	12c-16	2010	1
64	DSL	Progression- CH	12c-7	2010	1
65	DSL	Progression- CH	12c-8	2010	1
66	DSL	Progression- CH	12c-9	2010	1
67	DSL	Progression- CH	2-11	2010	1
68	DSL	Progression- CH	2-12	2010	1
69	DSL	Progression- CH	2-13	2010	1
70	DSL	Progression- CH	2-15	2010	1
71	DSL	Progression- CH	2-16	2010	1
72	DSL	Progression- CH	2-17	2010	1
73	DSL	Progression- CH	2-18	2010	1
74	DSL	Progression- CH	2-19	2010	1
75	DSL	Progression- CH	2-20	2010	1
76	DSL	Progression- AD	7.5-10	2011	1
77	DSL	Progression- AD	7.5-11	2011	1
78	DSL	Progression- AD	7.5-6	2011	1
79	DSL	Progression- AD	7.5-7	2011	1
80	DSL	Progression- AD	7.5-8	2011	1
81	DSL	Progression- AD	7.5-9	2011	1
82	DSL	Progression- AD	8.5-10	2011	1
83	DSL	Progression- AD	8.5-6	2011	1
84	DSL	Progression- AD	8.5-7	2011	1
85	DSL	Progression- AD	8.5-9	2011	1
86	DSL	Progression- AD	8-10	2011	1
87	DSL	Progression- AD	8-11	2011	1
88	DSL	Progression- AD	8-6	2011	1
89	DSL	Progression- AD	9.5-2	2011	1
90	DSL	Progression- AD	9.5-6	2011	1
91	DSL	Progression- AD	9.5-7	2011	1
92	DSL	Progression- AD	9.5-9	2011	1
93	DSL	Progression- AD	9-14	2011	1
94	DSL	Progression- AD	9-16	2011	1
95	DSL	Progression- AD	9-17	2011	1
96	DSL	Progression- AD	9-18	2011	1
97	DSL	Progression- AD	7.5-12	2012	1
98	DSL	Progression- AD	7.5-13	2012	1
99	DSL	Progression- AD	7.5-14	2012	1

# Rental Fleet 5 or more years old

# Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
 Business Unit=Tahoe Donner Association; Rental Location=DSL;  
 Rental Model=<All>

100	DSL	Progression- AD	7.5-15	2012	1
101	DSL	Progression- AD	7.5-16	2012	1
102	DSL	Progression- AD	7.5-17	2012	1
103	DSL	Progression- AD	7.5-18	2012	1
104	DSL	Progression- AD	7.5-19	2012	1
105	DSL	Progression- AD	7.5-20	2012	1
106	DSL	Progression- AD	7.5-21	2012	1
107	DSL	Progression- AD	7-36	2012	1
108	DSL	Progression- AD	7-38	2012	1
109	DSL	Progression- AD	7-40	2012	1
110	DSL	Progression- AD	7-42	2012	1
111	DSL	Progression- AD	7-59	2012	1
112	DSL	Progression- AD	7-60	2012	1
113	DSL	Progression- AD	8-14	2012	1
114	DSL	Progression- AD	8-15	2012	1
115	DSL	Progression- AD	8-16	2012	1
116	DSL	Progression- AD	8-17	2012	1
117	DSL	Progression- AD	8-18	2012	1
118	DSL	Progression- AD	8-19	2012	1
119	DSL	Progression- AD	8-20	2012	1
120	DSL	Progression- AD	8-21	2012	1
121	DSL	Progression- AD	8-23	2012	1
122	DSL	Progression- AD	7-45	2013	1
123	DSL	Progression- AD	7-46	2013	1
124	DSL	Progression- AD	7-48	2013	1
125	DSL	Progression- AD	7-49	2013	1
126	DSL	Progression- AD	7-50	2013	1
127	DSL	Progression- AD	7-51	2013	1
128	DSL	Progression- AD	7-52	2013	1
129	DSL	Progression- AD	7-53	2013	1
130	DSL	Progression- AD	7-54	2013	1
131	DSL	Progression- AD	7-56	2013	1
132	DSL	Progression- AD	8.5-26	2013	1
133	DSL	Progression- AD	8.5-27	2013	1
134	DSL	Progression- AD	8.5-28	2013	1
135	DSL	Progression- AD	8.5-29	2013	1
136	DSL	Progression- AD	8.5-30	2013	1
137	DSL	Progression- AD	8-24	2013	1
138	DSL	Progression- AD	8-25	2013	1
139	DSL	Progression- AD	8-26	2013	1
140	DSL	Progression- AD	8-27	2013	1
141	DSL	Progression- AD	8-28	2013	1
142	DSL	Progression- AD	8-29	2013	1
143	DSL	Progression- AD	8-31	2013	1

## Rental Fleet 5 or more years old

## Rental Inventory Totals by Size Report

User Name=Andrea Palmer; Report Date=4/18/2018 11:25 AM;  
Business Unit=Tahoe Donner Association; Rental Location=DSL;  
Rental Model=<All>

144 DSL	Progression- AD	8-32	2013	1
145 DSL	Progression- AD	9.5-11	2013	1
146 DSL	Progression- AD	9.5-13	2013	1
147 DSL	Progression- AD	9.5-14	2013	1
148 DSL	Progression- AD	9.5-15	2013	1
149 DSL	Progression- AD	9-20	2013	1
150 DSL	Progression- AD	9-21	2013	1
151 DSL	Progression- AD	9-23	2013	1
152 DSL	Progression- AD	9-24	2013	1
153 DSL	Progression- AD	9-25	2013	1
154 DSL	Progression- AD	9-26	2013	1
155 DSL	Progression- AD	9-27	2013	1
156 DSL	Progression- AD	9-28	2013	1
157 DSL	Progression- AD	9-29	2013	1
158 DSL	Progression- CH	2-21	2013	1



# DECISION PAPER



May 10, 2018

## Issue

Downhill Ski Resort Snow Grooming Machine Replacement

## Background

Grooming machine (snowcat) replacement at our winter operations has evolved over the years based on our experience. The fleet at the ski resort consists of two machines – a 2010 Prinoth Bison X (Bison) and a 2012 Pisten Bully Park 400 (PB). The reserve replacement schedule had the replacement of the Bison scheduled for 2017. This replacement was pushed back to 2018 as a result of a few drought years where the machines did not accumulate very many hours. It has been the philosophy of Tahoe Donner to replace machines once they approach or surpass 7,000 hours (usually every 7 years) as there is a known steep increase in the cost of ownership at or near the 7,000-hour mark. The details of this increase is detailed in the Cross Country Ski Area Snow Grooming Machine Replacement decision paper.

Even with all the appropriate maintenance, the reliability of the snowcat begins to decline as it ages as well. Properly functioning, reliable machines are incredibly important to the downhill operation. The beginner experience is enhanced with well groomed terrain, and our relatively small size creates an expectation that all runs are groomed daily. While breakdowns are not uncommon, they are more frequent with older machines. Repair can take a machine out of service for several days, or even weeks, while parts are ordered. With only two snowcats on the hill, when a machine goes down, 50% of the fleet is out of commission, and hours begin to stack up on the remaining machine. In the event of challenging weather conditions, portions of the mountain may not be groomed. Avoiding large mechanical issues associated with older equipment, also allows us to keep our maintenance team small and efficient.

## Options

There are a few options to consider for this replacement:

- Option 1:** Approve the purchase of a new snowcat for the Downhill Ski Resort fleet – current budget \$397,450.
- Option 2:** Postpone the replacement of the Downhill Ski Resort snowcat for another year risking significant repair costs and labor commitment as well as an increase in down time.

## Recommendation:

Staff recommends Option 1, to use scheduled Reserve and Replacement Funds to Replace the 2010 Bison-X Snowcat with a 2018 Pisten Bully PB400 Park Pro with a budget not to exceed of \$371,500 which includes tax and shipping – approximately \$25,950 below our budget. The *estimated* trade-in value for the current machine is \$15,000 - \$20,000 which will be deducted from the total purchase price once the value is determined.

Prepared By: Miguel Sloane, Robert McClendon *MS*

Reviewed by: Forrest Huisman *FH*

Reviewed by: Michael Salmon *MS*

General Manager Approval to place on the agenda: *MS*

Date: *5/18/18*

# DECISION PAPER



PB 400/Bison X Comparison:

	PB 400	Bison X
Tier 4 Machine	\$342,000	\$320,000
Delivery	\$0	\$4,750
Tax	\$29,070	\$27,604
Warranty	2 years	1 year
<b>Total</b>	<b>\$ 371,070</b>	<b>\$ 352,354</b>

Staff recommendation - PB 400

- Pisten Bully offers a 2-year warranty versus Prinoth's 1-year warranty.
- Efficiencies in staff training, part inventory compatibility, and service calls are realized when we have machines from the same manufacturer.
- Staff's experience with both manufacturers is that Pisten Bully's service is superior to Prinoth.

DH Machines	Purchased	Total Repair Cost				Total	Hours as of 4/5/18
		2015	2016	2017	YTD 2018		
2010 GR217- BISON X		\$1,633	\$15,579	\$23,441	\$4,693	\$45,345	6717
2012 GR219- PB PARK 400		\$135	\$5,767	\$19,162	\$1,348	\$26,412	3476

For perfect pistes...



5/7/2018

Robert McClendon  
Tahoe Donner  
Downhill Ski Area Manager  
11509 Northwoods Blvd., Truckee, CA 96161

Dear Robert,

Please see below my proposal for new Prinoth grooming vehicles as requested.

**1 New 2018 New Bison X Tier 4 Grooming vehicle equipped as follows:**

Caterpillar C9.3 405hp engine - Tier 4

Master Park Blade w/Side Cutter Wings

66" Aluminum Tracks

New 45 Series Rexroth Drives

Posi-Flex Tiller W/Hydraulic finisher wings and Posi Hyds w/flat lock

High Output Hydraulic Controls w/Proportional Dual Functions

Center operator seat

Long Rear Lift Frame

LED Lights

Inclinometers and Tape Measure Function

Solid Rubber Tires

Heated Glass and Wipers

**Vehicle Price:**

**\$320,000.00**

**1 New 2018 New Husky Grooming Vehicle Tier 4 equipped as follows:**

Master Blade

3.1 Meter Aluminum tracks

All season rubber tracks

Power Tiller w hydraulic finisher wings

Drive lever steering controls

MTU Tier 4 230 HP engine

**Vehicle Price:**

**\$215,000.00**

For perfect pistes...

**Prinoth**

<b>1 New Snow Loading Bucket Price:</b>	<b>\$12,500.00</b>
<b>1 Set Rubber Tracks Bison Price:</b>	<b>\$30,000.00</b>
<b>1 Set Rubber Tracks Husky:</b>	<b>\$25,000.00</b>

**Additional Incentives:**

- Service school at no charge for 4 people per resort
- Operator and shop training at no charge

**\*\* All prices and terms of this proposal are considered confidential and do not include sales tax.**

**Terms:**

20% down at contract signature and balance due at delivery

**Warranty:**

Vehicle: 1 year or 1500 hours

Engine: Standard Caterpillar and MTU warranty

**Freight:**

**\$4,750.00 per vehicle**

I look forward to discussing the proposal with you in more detail, in the meantime if you need more information, please don't hesitate to call.

Best Regards

Jason Smith  
Sales Representative

PRINOTH LLC  
2620 East 5<sup>th</sup> Street  
Reno, NV 89512 USA  
Tel.: 775.359.7517 - Fax: 775.359.7725  
www.prinoth.com  
prinoth.us@prinoth.com



**KÄSSBOHRER ALL TERRAIN VEHICLES, INC.**

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**TAHOE DONNER**<sup>™</sup>

**January 2018**

# Pricing

• 2018 PB 100 (Tier 4) Two Pan Nordic

**\$235,000**

**Above pricing includes:**

Complimentary Shipping to Tahoe Donner  
Full Width Rear Deck  
Constant Up/Down Pressure  
Rexroth Hydraulics

**Available Options:**

Park Mount Push Frame	\$1,000
Hydraulic Tiller Wings	\$3,500
YTS Compactor jumbo roller	\$4,000
Rubber X Tracks	\$35,000
Renovator	\$9,500
PB Bucket (PB 100)	\$12,000



*Piston Bull*



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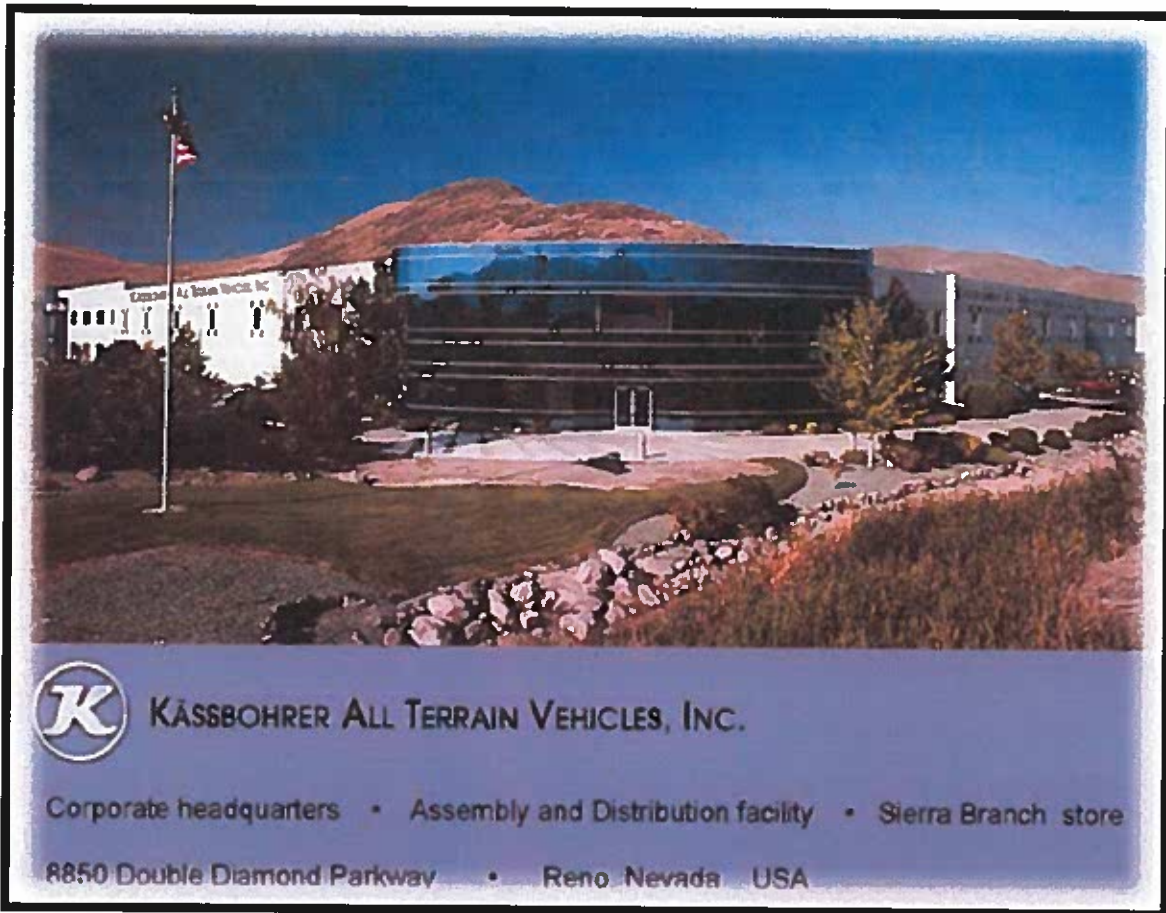
# Incentives

All new PistenBullys have a TWO year limited warranty.

Technical Service Center is always:  
24 hours a day seven days a week.

Kassbohrer representative to provide onsite assistance with your first summer service.

Kassbohrer's North American headquarters in Reno, Nevada proves our commitment to Tahoe Donner. This facility contains the Sierra Office and over 10 million dollars in parts inventory in addition to the utility production facility.



*PistenBully*



KASSBOHRER ALL TERRAIN VEHICLES, INC.

# Parts

PistenBully's North American parts warehouse is located in Reno, NV. allowing Tahoe Donner same day accessibility to millions of parts.

PistenBully's parts department is open six days a week during the winter season, and is available Sundays for urgent orders with no additional charge.

Our Parts Department averages a 93% fill rate and can be **ordered online** with the Electronic Parts List

KÄSSBOHRER GELÄNDEFahrZEUG AG

// VIN: WKU 824 xx x x 10281

>> PISTENBULLY 400 STANDARD 10275 - 10299

Spare parts book | Tool catalog | Search | Shopping cart

back #01 - ENGINE AND POWERTRAIN # ENGINE ENGINE MOUNTS # DRIVE TRAIN

# Overview shopping cart

# Part information

Item	Part No.	Designation	Description
0	824 31 10 000 05 0	ENGINE ENGINE MOUNT	DRIVE TRAIN
1	8 312 105 000 0	DIESEL ENGINE	6 CYL
5	8 743 899 000 0	OIL PRESSURE SENSOR	
6	8 743 854 000 0	TEMPERATURE SENDER	
7	824 31 10 112 01 0	CONNECTING SOCKET	

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# Peace of Mind

**Routine visits by factory trained staff to assist your operators and technical staff with the Kassbohrer product.**

**Annual service and parts training to educate, train and prepare your staff.**

**Kässbohrer World**



**Kassbohrer has been manufacturing snow cats for over 49 years. We have produced over 22,500 machines and are successful in 68 different countries. Our experience and quality can't be beat!**

**Technical and Product information located on our website:**

**[www.pistenbullyusa.com](http://www.pistenbullyusa.com)**

Jeb Ellermeyer  
Sierra Sales/Operations Manager  
[jellermeyer@pistenbullyusa.com](mailto:jellermeyer@pistenbullyusa.com)  
1-775-636-4290

**PistenBully**



**KÄSSBOHRER ALL TERRAIN VEHICLES, INC.**

## **Added by TDA Staff - Justification for optional attachments for the PB 100**

### **Hydraulic tiller wings**

The hydraulic tiller wings will allow the operator to widen the pass where the road and conditions permit. The tiller width will go from 13' to 15'.

### **YTS compactor jumbo roller**

The YTS compactor will allow staff to use this machine in very low snow conditions without damaging the tiller.

### **Rubber X tracks**

Rubber tracks will save the aluminum grousers during low snow conditions. Coupled with the YTS compactor, the rubber tracks will make this the ultimate low snow conditions snowcat.

### **Renovator**

The renovator is a blade attachment that adds a second snow processing mechanism to be used during firm snow conditions (spring grooming) for a better finished product.

### **PB bucket**

The bucket will allow staff to transport snow efficiently which has been critical for the past several seasons to both get trails open and keep trails open.

### **Park mount push frame**

The park push frame allows the blade arm to raise higher in front of the machine. This upgrade is required to allow the bucket to angle enough to dump snow.

# DECISION PAPER



May 10, 2018

## Issue:

Cross Country Ski Area Snow Grooming Machine Replacement

## Background:

Grooming machine (snowcat) replacement at our winter operations has evolved over the years based on our experience. The reserve replacement schedule had the replacement snowcat for XC budgeted for 2017. This replacement was pushed back to 2018 as a result of a few drought years where the machines did not accumulate very many hours. It has been the philosophy of Tahoe Donner to replace machines once they approach or surpass 7,000 hours (usually every 7 years) for the following reasons.

There are two “hour intervals” where significant maintenance is required. The first 3,500 hours are relatively trouble free requiring only scheduled preventative maintenance services and minor repairs. At 3,500 hours the cost of ownership begins to increase due to several wear items needing to be replaced. Rubber track belts will be worn out and track grousers will start cracking due to the fatigue of several thousand hours. High pressure hydraulic hoses should be replaced at this time as well, on both the snowcat and the tiller. Suspension and wheel bearings should be inspected, and some will need to be replaced. Push frame, blade pivot points and hydraulic cylinders will start to show wear and may need to be replaced or repaired. Gearboxes, tires and sprockets are inspected but usually do not need replacement, and at 3,500 hours, engine and electronics should require minimal repairs.

The 7,000 “hour interval” requires a much larger maintenance commitment. This is the stage that many resorts replace their equipment or relegate to a lower hour utility role to avoid large maintenance costs as well as considerable time commitment from staff. The snowcat will likely require major components to be replaced. The tracks will need a significant overhaul consisting of rubber track belts as well as grouser replacement. In some cases, the complete track set is replaced. In addition to the high pressure hydraulic hoses being replaced, at 7,000 hours many of the low pressure hoses will begin to fail as well. It is typical to replace all the suspension and wheel bearings at this time. Blade, push frame, rear frame, and main frame steel will be fatigued by 7,000 hours and begin to crack. In some cases, weld repairs can be performed, in other cases components will have to be replaced. Gear boxes including splitter box and final drives should be disassembled for the first time, often requiring replacement parts. Tires and sprockets very rarely exceed 7,000 hours and should be changed to prevent damage to other components as a result of their failure. At 7,000 hours, engine repairs can be expected. Turbos, high pressure injection pumps, and injectors are all reaching their reliable service life. Radiators, hydraulic pumps, and electronics will begin to fail at this interval as well. Depending on conditions and use, it is typical for the tiller to be completely rebuilt with new finishing combs and new rotors.

Another factor is the trade in value, 7,000-hour cats can be worth up to \$25,000 or more, higher hour cats fall into the \$10,000 range. Overall, 7,000 hours is a good time to trade/replace a snowcat to avoid all the above maintenance expenses while still receiving a decent trade value.

There is a known steep increase in the cost of ownership at or near the 7,000-hour mark, but there are other factors to consider as well. Even with all the appropriate maintenance, the reliability of the snowcat begins to decline as it ages. Properly functioning, reliable machines are incredibly important to our XC operations – our grooming is the product that we sell. We have a reputation for high quality trails that are open and consistently groomed to a high standard, which is why we have experienced an increase in season passes sold over recent years. With season pass holders providing 28% of our revenue expectations, and over 100 km of trails to groom each day, having 3 functioning machines is very important. While breakdowns are not uncommon, they are more frequent with older machines. Repair can take a machine out of service for several days, or even weeks, while parts are ordered. If the grooming fleet



# DECISION PAPER



is reduced because of mechanical breakdowns, the quality and quantity of our trails is compromised. Along these lines, our experience with both major snowcat manufacturers shows that Pisten Bully's (Kassbohrer) equipment produces a better-groomed surface than our Prinoth machines, and their service is far superior to Prinoth. The result is that it is staff's desire to use Pisten Bully when purchasing new equipment (see attached spreadsheet).

The recent history of snowcat replacement for XC is as follows. In 2012, the association purchased a PB 400 (vehicle #220) to replace our Prinoth Bombardier 350 (vehicle #114). At that time, the board of directors recognized the importance of our grooming product and approved that staff retain #114, rather than trade it in, to use it when necessary as a back-up grooming machine. Since that time, management has utilized #114 when we have other failures, but also to gain efficiencies in our grooming operations (shift efficiencies, spring conditions, major storm events, hours reduction etc.). Three functioning machines at XC has allowed for high grooming quality and increased quantity of trails open throughout each season, contributing to our season pass sales success – 64% increase in passes sold from the 14-15 season to 17-18 season. The replacement of a machine this season provides another opportunity to improve our grooming product in two ways:

1. Recent low snow conditions have highlighted the need for a smaller grooming machine. Our three larger machines excel during "normal" years when our trails have adequate snow coverage and they have the power necessary to open trails after snow events. The smaller machine (Pisten Bully 100 for example), has a narrow tiller to accommodate tight trails through trees and would be a valuable resource during lower snow years. Our larger grooming machines have 18' wide tillers which are too wide for the low snow conditions we have been experiencing in recent winters, as most of our roadbeds are only 12'-14' wide. The PB 100 is a small but powerful machine with a 13' wide tiller.
2. We can once again hold onto vehicle #114. This would provide 3 machines for the XC operation to use on a regular basis while ensuring a back-up machine for when one requires service or repair (for the DH operation as well). Adding a snowcat to the fleet will also reduce the hours accumulation of all the machines, assuming normal operating conditions.

## Options

There are a few options to consider for this replacement:

- Option 1:** Approve the purchase of a new small snowcat to *add* to the XC fleet so there would be a total of four machines with the oldest, the Prinoth 350 #114, to be used as a back up – current budget \$373,852.
- Option 2:** Approve the purchase of a new small snowcat to replace the Prinoth 350 #114. Vehicle #114 would be traded in as a credit towards the final cost (trade-in estimate - \$15,000 to \$20,000).
- Option 3:** Do not approve the replacement of a grooming machine for the 2018-2019 season and continue to use the existing equipment with the understanding that we will have increased maintenance costs, and a compromised grooming product.

## Recommendation:

Staff recommends Option 1, to use scheduled Reserve Replacement budget to purchase a new small snowcat, preferably the PB 100, with several attachments, for a total not to exceed \$330,500.

Prepared by: Miguel Sloane, Sally Jones *MS*

Reviewed by: ~~Forrest Huisman~~ *[Signature]*

Reviewed by: Michael Salmon *[Signature]*

General Manager approval: \_\_\_\_\_ *[Signature]*



# DECISION PAPER



## Prinoth Husky/PB 100 Comparison:

	PB 100	Prinoth Husky
Tier 4 Machine	\$ 235,000.00	\$ 215,000.00
Rubber Tracks	\$ 35,000.00	\$ 25,000.00
Track Setter	Included	\$ 8,000.00
PB Bucket	\$ 12,000.00	NA
Push Frame Upgrade	\$ 1,000.00	NA
Renovator	\$ 9,500.00	NA
Hydraulic Tiller Wings	\$ 3,500.00	Included
YTS Roller	\$ 4,000.00	\$ 4,000.00
Delivery	\$ -	\$ 4,750.00
Tax	\$ 25,500.00	\$ 21,823.75
Warranty	2 years	1 year
<b>Total</b>	<b>\$ 325,500.00</b>	<b>\$ 278,573.75</b>

### Staff recommendation - PB 100

- Pisten Bully offers a 2-year warranty versus Prinoth's 1-year warranty.
- A primary function of this smaller machine will be to move snow during low snow years. The Husky does not offer a bucket option.
- The Renovator is a blade attachment that adds a second snow processing mechanism to be used during firm snow conditions (spring grooming) for a better finished product. The Husky does not offer a Renovator attachment.
- Efficiencies in staff training, part inventory compatibility, and service calls are realized when we have machines from the same manufacturer.

XC Machines	Purchased	Total Repair Cost				Total	Hours as of 4/5/18
		2015	2016	2017	YTD 2018		
GR114- BR 350 OLD	2005	\$498	\$12,224	\$19,595	\$4,883	\$37,199	7091
GR218- PRINOTH 350	2010	\$3,196	\$14,563	\$22,376	\$994	\$41,129	5163
GR220- PB NORDIC 400	2012	\$150	\$5,693	\$11,548	\$550	\$17,940	2465



For perfect pistes...



5/7/2018

Robert McClendon  
Tahoe Donner  
Downhill Ski Area Manager  
11509 Northwoods Blvd., Truckee, CA 96161

Dear Robert,

Please see below my proposal for new Prinoth grooming vehicles as requested.

**1 New 2018 New Bison X Tier 4 Grooming vehicle equipped as follows:**

Caterpillar C9.3 405hp engine - Tier 4  
Master Park Blade w/Side Cutter Wings  
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Rubber tracks  
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High Output Hydraulic Controls w/Proportional Dual Functions  
Center operator seat  
Long Rear Lift Frame  
LED Lights  
Inclinometers and Tape Measure Function  
Solid Rubber Tires  
Heated Glass and Wipers

**Vehicle Price:**

**\$320,000.00**

**1 New 2018 New Husky Grooming Vehicle Tier 4 equipped as follows:**

Master Blade  
3.1 Meter Aluminum tracks  
All season rubber tracks  
Power Tiller w hydraulic finisher wings  
Drive lever steering controls  
MTU Tier 4 230 HP engine

**Vehicle Price:**

**\$215,000.00**



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**TAHOE DONNER™**

**January 2018**

## Pricing

• 2018 PB 400 (Tier 4) ParkPro

**\$342,000**

**Above pricing includes:**

Complimentary Shipping to Tahoe Donner  
Constant Up/Down Pressure  
Rexroth Hydraulics  
Hydraulic Tiller Wings



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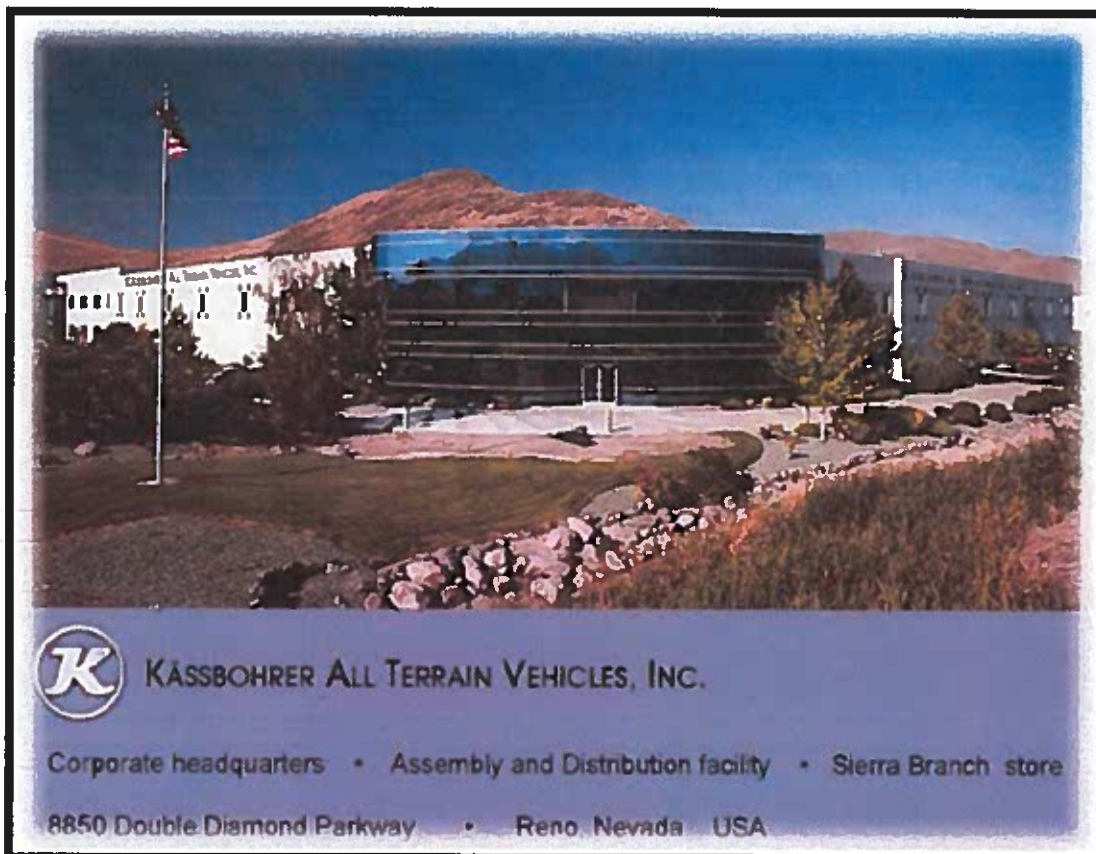
## Incentives

All new PistenBullys have a TWO year limited warranty.

Technical Service Center is always:  
**24 hours a day seven days a week.**

Kassbohrer representative to provide onsite assistance with your first summer service.

Kassbohrer's North American headquarters in Reno, Nevada proves our commitment to Tahoe Donner. This facility contains the Sierra Office and over 10 million dollars in parts inventory in addition to the utility production facility.



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# Parts

PistenBully's North American parts warehouse is located in Reno, NV. allowing Tahoe Donner same day accessibility to millions of parts.

PistenBully's parts department is open six days a week during the winter season, and is available Sundays for urgent orders with no additional charge.

Our Parts Department averages a 93% fill rate and can be **ordered online** with the Electronic Parts List

KÄSSBOHRER GELÄNDEFahrZEUG AG

// VIN: WKU x B24 xx x 0 10281

PISTENBULLY 400 STANDARD 10275 - 10299

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back 01 ENGINE AND POWERTRAIN # ENGINE ENGINE MOUNTS # DRIVE TRAIN PDF

Item	Part No	Designation	Description
0	824 31 10 000 05 0	ENGINE, ENGINE MOUNT	DRIVE TRAIN
1	8 312 105 000 0	DIESEL ENGINE	6 CYL
5	8 742 899 000 0	OIL PRESSURE SENSOR	
6	8 743 954 000 0	TEMPERATURE SENDER	
7	824 31 10 112 01 0	CONNECTING SOCKET	

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## Peace of Mind

Routine visits by factory trained staff to assist your operators and technical staff with the Kassbohrer product.

Annual service and parts training to educate, train and prepare your staff.

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Kassbohrer has been manufacturing snow cats for over 49 years. We have produced over 22,500 machines and are successful in 68 different countries. Our experience and quality can't be beat!

Technical and Product information located on our website:

[www.pistenbullyusa.com](http://www.pistenbullyusa.com)

Jeb Ellermeyer  
Sierra Sales/Operations Manager  
[jellermeyer@pistenbullyusa.com](mailto:jellermeyer@pistenbullyusa.com)  
1-775-636-4290

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# DECISION PAPER



**Date:** May 14, 2018

**Issue:**

An updated master plan of proposed improvements at TDA's Golf Course are necessary to remain regionally competitive.

**Background:**

Property values at Golf Course Communities tend to benefit from a well-maintained golf course. Trends suggest that TDA's course is losing market share, presumably due to aging course conditions and the overall attractiveness of newer courses in the area that have superior quality and comparable pricing. The Tahoe Donner Men's and Women's Golf Clubs have defined select improvements that would help maintain and restore golf course competitiveness within the Tahoe region. A master plan update and feasibility study are now necessary to finalize these improvements to include refinements to the course layout, overall quality, pace of play, and an updated maintenance plan. To further address these topics, proposed improvements could be sorted into two categories, "needs" and "wants" in a phased approach, each enhancing playability and enriching the golfer experience while ultimately increasing course usage and improving net operating results.

**Recommendation:**

Management recommends the Board of Directors consider approving a Master Plan update and feasibility study, not to exceed \$50K from the Replacement Reserve Fund during 2018. Results of the Master plan update and Feasibility Study would include Wetland Delineations around areas of proposed improvements, detailed project cost estimates, and a phased improvement schedule.

---

Prepared By: Forrest Huisman

Reviewed By: Michael Salmon

Board Meeting Date: May 26, 2018

General Manager Approval to place on Agenda: \_\_\_\_\_ Date: \_\_\_\_\_

# PROJECT INFORMATION PAPER



May 14, 2018

**Issue:** A master plan of proposed improvements at Tahoe Donner’s Golf Course are necessary to remain regionally competitive.

**Background:** Property values at Golf Course Communities tend to benefit from a well-maintained golf course. Trends suggest that TDA’s course is losing market share, presumably due to aging course conditions and the overall attractiveness of newer courses in the area that have superior quality and comparable pricing. The Tahoe Donner Men’s and Women’s Golf Clubs have defined select improvements that would help maintain and restore golf course competitiveness within the Tahoe region. To further address these topics, proposed improvements could be sorted into two categories, “needs” and “wants” in a phased approach, each enhancing playability and enriching the golfer experience, while ultimately increasing course usage and improving net operating results.

**Project Scope Detail:** A master plan update and feasibility study are now necessary to finalize these improvements to include refinements to the course layout, overall quality, pace of play, and an updated maintenance plan.

## Evaluation Criteria:

1. Objective or reason for the project (need or opportunity for improvement)
2. Scope of the project and how it meets the need or opportunity
3. Financial impact as an Stage-1 estimate +/-100%
4. Customer service impact
5. Risks such as environmental, ADA, code compliance, health & safety
6. Opportunities such as energy impact, operational improvement
7. Alternatives available and evaluation of their impacts

Prepared by: Director of Capital Projects, Forrest Huisman

Approved by: Board of Directors, Jeff Connors \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: General Plan Committee, Michael Sullivan \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: Finance Committee, Art King \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: General Manager, Robb Etnyre \_\_\_\_\_ Date: \_\_\_\_\_