

Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943

Owner Name:

CAPE KIWANDA RV RESORT  
CAPE KIWANDA RV RESORT - SPA  
33305 CAPE KIWANDA DR  
PACIFIC CITY, OR 97135

Inspection Type: SEMI  
Inspection Result: COMPLD  
Establishment #: 2950035 Area: 62  
Units: 0  
County: 29

CAPE KIWANDA RV RESORT - SPA  
PO BOX 129  
PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x  
Inspector: Jaime Craig

Start Date/Time: 2/8/2017 at 1:21:13 PM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

Comments:

|   |            |                             |                  |            |
|---|------------|-----------------------------|------------------|------------|
| Free Chlorine (1.5-5.0 ppm):                            | <b>7.0</b> | Bromine (3.0-8.0 ppm):      | Temperature(Max) | <b>102</b> |
| Combined Chlorine (0-.5 ppm):                           | <b>.1</b>  | Cyanuric Acid (30-150 ppm): | Clarity (Y/N):   | <b>Y</b>   |
| Total Alkalinity (80-200 ppm):                          | <b>80</b>  | Hardness (175-400 ppm):     | pH (7.2-7.6):    | <b>7.0</b> |
| Inlet Pressure:   | <b>15</b>  | Outlet Pressure:            | Flow Rate:       | <b>0</b>   |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |            |                             |                  |            |

Comments:

Site Report Generated: 6/23/2017 10:10:44 AM

Person In Charge

Inspection By: Jaime Craig

Establishment: 2950035  
Inspection Type: REINSP

Page 2 of 29  
Start Date/Time: 4/14/2016 at 10:12:25

**Historical 4/14/2016**

**SPA INSPECTION REPORT**

Page 2 of 29

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:  
CAPE KIWANDA RV RESORT  
CAPE KIWANDA RV RESORT - SPA  
33305 CAPE KIWANDA DR  
PACIFIC CITY, OR 97135

Inspection Type: REINSP  
Inspection Result: COMPLD  
Establishment #: 2950035 Area: 62  
Units: 0  
County: 29

CAPE KIWANDA RV RESORT - SPA  
PO BOX 129  
PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x  
Inspector: Annette Pampush

Start Date/Time: 4/14/2016 at 10:12:25 AM

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NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

FACILITY OWNER HAS CALLED TO CONFIRM THAT ALL CHEMISTRY IS OK. I WILL DO A RECHECK ON THIS WHEN IN S COUNTY

|   |                             |                 |
|---|-----------------------------|-----------------|
| Free Chlorine (1.5-5.0 ppm):                            | Bromine (3.0-8.0 ppm):      | Temperature(Max |
| Combined Chlorine (0-.5 ppm):                           | Cyanuric Acid (30-150 ppm): | Clarity (Y/N):  |
| Total Alkalinity (80-200 ppm):                          | Hardness (175-400 ppm):     | pH (7.2-7.6):   |
| Inlet Pressure:   | Outlet Pressure:            | Flow Rate:      |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |                             |                 |

Comments:

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Site Report Generated: 6/23/2017 10:10:45 AM

Person In Charge

Inspection By: Annette Pampush

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**Historical 4/4/2016**

**SPA INSPECTION REPORT**

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:

CAPE KIWANDA RV RESORT

CAPE KIWANDA RV RESORT - SPA

33305 CAPE KIWANDA DR

PACIFIC CITY, OR 97135

Inspection Type: REINSP

Inspection Result: CONTIN

Establishment #: 2950035 Area: 62

Units: 0

County: 29

CAPE KIWANDA RV RESORT - SPA

PO BOX 129

PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x

Inspector: Mason Lyman

Start Date/Time: 4/4/2016 at 12:30:18 PM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

REINSPECTION OF FACILITY-

|   |            |                             |            |                  |            |
|---|------------|-----------------------------|------------|------------------|------------|
| Free Chlorine (1.5-5.0 ppm):                            | <b>2.2</b> | Bromine (3.0-8.0 ppm):      |            | Temperature(Max) | <b>101</b> |
| Combined Chlorine (0-.5 ppm):                           | <b>1.2</b> | Cyanuric Acid (30-150 ppm): | <b>0</b>   | Clarity (Y/N):   | <b>Y</b>   |
| Total Alkalinity (80-200 ppm):                          | <b>90</b>  | Hardness (175-400 ppm):     | <b>470</b> | pH (7.2-7.6):    | <b>7.8</b> |
| Inlet Pressure:   |            | Outlet Pressure:            |            | Flow Rate:       | <b>0</b>   |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |            |                             |            |                  |            |

333-062-0165(1.7)

VIOLATION OF OAR 333-062-0165 (1) The pH is less than 7.2 or greater than 7.6. specifically:

**PH AT 7.8.**

Maintain the pH levels within the range set out in the spa Water Quality Parameters, OAR 333-062-0165, and Table 1, the ideal being 7.2 - 7.6.

**PLEASE GET TO WITHIN 7.2-7.6**

333-062-0255(3)(a.1)

VIOLATION OF OAR 333-062-0255 (3)(a) The combined chlorine levels exceed 0.5 ppm.

**COMBINED CHLORINE AT 1.2 PPM.**

Combined chlorine should be kept as low as possible. The spa should not have a pool smell or cause eye or mucus membrane irritation (trichloramine / nitrogen trichloride), The only way to reduce the irritating nitrogen trichloride at an indoor spa, is t

**PLEASE SHOCK. TALKED TO STAFF ABOUT TECHNIQUES TO SHOCK/BREAKPOINT CHLORINE. SHOCKING NOW. SPA CLOSED RIGHT NOW. PLEASE GET FREE CHLORINE TO BELOW 10.0 PPM.**

Establishment: 2950035

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Inspection Type: REINSP

Start Date/Time: 4/4/2016 at 12:30:18

SPA IS CURRENTLY CLOSED. WILL REINSPECT AT A LATER DATE WHEN COMBINED CHLORINE IS BELOW 0.5 PPM.

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Site Report Generated: 6/23/2017 10:10:45 AM

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Person In Charge

Inspection By: Mason Lyman

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**Historical 3/31/2016**

**SPA INSPECTION REPORT**

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:

CAPE KIWANDA RV RESORT

CAPE KIWANDA RV RESORT - SPA

33305 CAPE KIWANDA DR

PACIFIC CITY, OR 97135

Inspection Type: SEMI

Inspection Result: CONTIN

Establishment #: 2950035 Area: 62

Units: 0

County: 29

CAPE KIWANDA RV RESORT - SPA

PO BOX 129

PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x

Inspector: Mason Lyman

Start Date/Time: 3/31/2016 at 12:19:48 PM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

SKIMMERS OK  
GATES/DOORS/WINDOWS OK  
HANDRAIL SOLID  
CLARITY OF WATER IS GOOD  
GOOD RECORD KEEPING AND TESTING OBSERVED

|   |            |                             |            |                 |            |
|---|------------|-----------------------------|------------|-----------------|------------|
| Free Chlorine (1.5-5.0 ppm):                            | <b>9.2</b> | Bromine (3.0-8.0 ppm):      |            | Temperature(Max | <b>101</b> |
| Combined Chlorine (0-.5 ppm):                           | <b>1.8</b> | Cyanuric Acid (30-150 ppm): | <b>0</b>   | Clarity (Y/N):  | <b>Y</b>   |
| Total Alkalinity (80-200 ppm):                          | <b>120</b> | Hardness (175-400 ppm):     | <b>460</b> | pH (7.2-7.6):   | <b>8.0</b> |
| Inlet Pressure:   |            | Outlet Pressure:            |            | Flow Rate:      | <b>110</b> |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |            |                             |            |                 |            |

333-062-0165(1.7)

VIOLATION OF OAR 333-062-0165 (1) The pH is less than 7.2 or greater than 7.6. specifically:

**PH AT 8.0, CAUSED PROBABLY BY HIGH AMOUNTS OF CHLORINE BEING PUT IN FOR SHOCKING.**

Maintain the pH levels within the range set out in the spa Water Quality Parameters, OAR 333-062-0165, and Table 1, the ideal being 7.2 - 7.6.

**PLEASE GET TO BETWEEN 7.2-7.6.**

333-062-0175(4)

VIOLATION OF OAR 333-062-0175 (4) The hydrotherapy (jet) pump timer switch is accessible to bathers from within the spa or the 15-minute maximum timer limit is exceeded, specifically:

**JET TIMER AT 30 MINUTES.**

Locate the hydrotherapy timer switch so bathers must exit spa to activate. Provide a timer which does not exceed the 15-minute maximum time cycle.

**PLEASE CHANGE OUT TIMER TO ONLY BE ON FOR UP TO 15 MINUTES.**

Establishment: 2950035

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Inspection Type: SEMI

Start Date/Time: 3/31/2016 at 12:19:48

333-062-0255(3)(a.1)

VIOLATION OF OAR 333-062-0255 (3)(a) The combined chlorine levels exceed 0.5 ppm.

**COMBINED CHLORINE AT 1.8 PPM.**

Combined chlorine should be kept as low as possible. The spa should not have a pool smell or cause eye or mucus membrane irritation (trichloramine / nitrogen trichloride), The only way to reduce the irritating nitrogen trichloride at an indoor spa, is t

**GET TO BELOW 0.5 PPM. WHEN READY, PLEASE CALL OFFICE AT 503-842-3909. IN THE MIDDLE OF SHOCKING RIGHT NOW.**

1800 GALLONS

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Site Report Generated: 6/23/2017 10:10:45 AM

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Person In Charge

Inspection By: Mason Lyman

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Establishment: 2950035  
Inspection Type: REINSP

Page 7 of 29  
Start Date/Time: 9/22/2015 at 1:25:08

**Historical 9/22/2015**

**SPA INSPECTION REPORT**

Page 7 of 29

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:  
CAPE KIWANDA RV RESORT  
CAPE KIWANDA RV RESORT - SPA  
33305 CAPE KIWANDA DR  
PACIFIC CITY, OR 97135

Inspection Type: REINSP  
Inspection Result: COMPLD  
Establishment #: 2950035 Area: 62  
Units: 0  
County: 29

CAPE KIWANDA RV RESORT - SPA  
PO BOX 129  
PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x  
Inspector: Mason Lyman

Start Date/Time: 9/22/2015 at 1:25:08 PM

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NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

REINSPECTION OF FACILITY-

PIC DRAINED SPA OVERNIGHT. COMBINED CHLORINE CAME DOWN FROM 0.8 PPM TO 0.2 PPM.

|   |            |                             |            |                 |            |
|---|------------|-----------------------------|------------|-----------------|------------|
| Free Chlorine (1.5-5.0 ppm):                            | <b>6.2</b> | Bromine (3.0-8.0 ppm):      |            | Temperature(Max | <b>91</b>  |
| Combined Chlorine (0-.5 ppm):                           | <b>0.2</b> | Cyanuric Acid (30-150 ppm): | <b>0</b>   | Clarity (Y/N):  | <b>Y</b>   |
| Total Alkalinity (80-200 ppm):                          | <b>40</b>  | Hardness (175-400 ppm):     | <b>120</b> | pH (7.2-7.6):   | <b>7.2</b> |
| Inlet Pressure:   |            | Outlet Pressure:            |            | Flow Rate:      | <b>0</b>   |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |            |                             |            |                 |            |

\*\*SPA IS REOPENED AT THIS TIME.

Site Report Generated: 6/23/2017 10:10:45 AM

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Person In Charge

Inspection By: Mason Lyman

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**Historical 9/21/2015**

**SPA INSPECTION REPORT**

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:

CAPE KIWANDA RV RESORT

CAPE KIWANDA RV RESORT - SPA

33305 CAPE KIWANDA DR

PACIFIC CITY, OR 97135

Inspection Type: SEMI

Inspection Result: CONTIN

Establishment #: 2950035 Area: 62

Units: 0

County: 29

CAPE KIWANDA RV RESORT - SPA

PO BOX 129

PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x

Inspector: Mason Lyman

Start Date/Time: 9/21/2015 at 3:49:39 PM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

SKIMMERS OK  
DECK SURFACE OK  
RAILING OK  
RECORDING KEEPING GOOD

|                                |            |                             |                  |               |            |
|--------------------------------|------------|-----------------------------|------------------|---------------|------------|
| Free Chlorine (1.5-5.0 ppm):   | <b>4.8</b> | Bromine (3.0-8.0 ppm):      | Temperature(Max) | <b>101</b>    |            |
| Combined Chlorine (0-.5 ppm):  | <b>0.8</b> | Cyanuric Acid (30-150 ppm): | Clarity (Y/N):   | <b>Y</b>      |            |
| Total Alkalinity (80-200 ppm): | <b>110</b> | Hardness (175-400 ppm):     | <b>310</b>       | pH (7.2-7.6): | <b>7.6</b> |
| Inlet Pressure:                |            | Outlet Pressure:            |                  | Flow Rate:    | <b>0</b>   |

ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-):

333-062-0135(1)

VIOLATION OF OAR 333-062-0135 (1) A flow meter is not provided, not properly installed, not located or is not functioning.

**SPA FLOW METER STUCK, NOT ACCURATE.**

Install and maintain a working flowmeter that measures the flow in gpm, mounted as recommended by the manufacturer, and that can be easily read by the operator.

**PLEASE CORRECT.**

333-062-0165(3)

VIOLATION OF OAR 333-062-0165 (3) The spa pool water quality parameters are not being tested at the required frequencies or are not recorded, specifically:

**ONLY TESTING COMBINED CHLORINE ONCE A DAY.**

Complete and record the required spa pool water tests at the minimum frequencies as described in OAR 333-62-165(3)(a) through (i).

**TALKED TO PIC ABOUT CHANGING RECORD SHEET TO ALLOW TO TEST FOR COMBINED CHLORINE UP TO 5 TIMES A DAY (AS OFTEN AS FREE CHLORINE).**



Establishment: 2950035

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Inspection Type: SEMI

Start Date/Time: 9/21/2015 at 3:49:39

333-062-0255(3)(a.1)

VIOLATION OF OAR 333-062-0255 (3)(a) The combined chlorine levels exceed 0.5 ppm.

**COMBINED CHLORINE AT 0.8 PPM.**

Combined chlorine should be kept as low as possible. The spa should not have a pool smell or cause eye or mucus membrane irritation (trichloramine / nitrogen trichloride), The only way to reduce the irritating nitrogen trichloride at an indoor spa, is t

**SPOA CLOSED. TALKED TO PIC ABOUT OPTIONS TO GET SPA BACK OPEN.**

Comments:

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Site Report Generated: 6/23/2017 10:10:45 AM

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Person In Charge

Inspection By: Mason Lyman

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Establishment: 2950035  
Inspection Type: REINSP

Page 10 of 29  
Start Date/Time: 3/18/2015 at 10:21:39

**Historical 3/18/2015**

**SPA INSPECTION REPORT**

Page 10 of 29

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:  
CAPE KIWANDA RV RESORT  
CAPE KIWANDA RV RESORT - SPA  
33305 CAPE KIWANDA DR  
PACIFIC CITY, OR 97135

Inspection Type: REINSP  
Inspection Result: COMPLD  
Establishment #: 2950035 Area: 62  
Units: 0  
County: 29

CAPE KIWANDA RV RESORT - SPA  
PO BOX 129  
PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x  
Inspector: Mason Lyman

Start Date/Time: 3/18/2015 at 10:21:39 AM

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NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

SHOCKED SPA LAST NIGHT AND THIS MORNING WITH NON-CHLORINE SHOCK PRODUCT. PIC SAID THEY USED A FAN AND OPENED WINDOWS DURING SHOCKING TO VENTILATE AIR AND PROPERLY EVACUATE IT FROM FACILITY.

ALL OTHER CHEMISTRY IS IN ORDER.

SPA IS OK TO REOPEN AT THIS TIME.

|                                |            |                             |            |                 |            |
|--------------------------------|------------|-----------------------------|------------|-----------------|------------|
| Free Chlorine (1.5-5.0 ppm):   | <b>5.4</b> | Bromine (3.0-8.0 ppm):      |            | Temperature(Max | <b>99</b>  |
| Combined Chlorine (0-.5 ppm):  | <b>0.0</b> | Cyanuric Acid (30-150 ppm): | <b>0</b>   | Clarity (Y/N):  | <b>Y</b>   |
| Total Alkalinity (80-200 ppm): | <b>100</b> | Hardness (175-400 ppm):     | <b>290</b> | pH (7.2-7.6):   | <b>7.2</b> |
| Inlet Pressure:                |            | Outlet Pressure:            |            | Flow Rate:      | <b>0</b>   |

ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-):

Comments:

Site Report Generated: 6/23/2017 10:10:45 AM

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Person In Charge

Inspection By: Mason Lyman

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**Historical 3/9/2015 SPA INSPECTION REPORT** Page 11 of 29

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:  
CAPE KIWANDA RV RESORT  
CAPE KIWANDA RV RESORT - SPA  
33305 CAPE KIWANDA DR  
PACIFIC CITY, OR 97135

Inspection Type: REINSP  
Inspection Result: CONTIN  
Establishment #: 2950035 Area: 62  
Units: 0  
County: 29

CAPE KIWANDA RV RESORT - SPA  
PO BOX 129  
PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x  
Inspector: Mason Lyman

Start Date/Time: 3/9/2015 at 1:57:07 PM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

SPA BEING CLOSED AT THIS TIME.

SKIMMERS OK  
LADDERS/STAIRS OK  
MAIN DRAIN FUNCTIONING WELL  
USING CAL HYPO AS DISINFECTANT AND SHOCK CHLORINE.  
\*\*FLOW METER STILL NOT WORKING, PLEASE CORRECT.

\*\*RECOMMEND KEEPING CHLORINE LEVELS UP A LITTLE HIGHER (AROUND 5-8PPM) INSTEAD OF TOO LOW (0-2 PPM) OVERNIGHT TO AVOID BUILD UP OF COMBINED CHLORINES.

TALKED TO PIC ABOUT HOW TECHNIQUES TO SHOCK POOL/SPA AND RECOMMENDED CLOSURE UNTIL COMPLIANCE WITH FREE AND COMBINED CHLORINE.

\*\*PLEASE CALL OFFICE WHEN CHEMISTRY IS ACCURATE ENOUGH ACCORDING OREGON SPA RULES TO REOPEN. 503-842-3909.

|                                |            |                             |                 |            |
|--------------------------------|------------|-----------------------------|-----------------|------------|
| Free Chlorine (1.5-5.0 ppm):   | <b>5.4</b> | Bromine (3.0-8.0 ppm):      | Temperature(Max | <b>99</b>  |
| Combined Chlorine (0-.5 ppm):  | <b>1.0</b> | Cyanuric Acid (30-150 ppm): | Clarity (Y/N):  | <b>Y</b>   |
| Total Alkalinity (80-200 ppm): | <b>100</b> | Hardness (175-400 ppm):     | pH (7.2-7.6):   | <b>7.6</b> |
| Inlet Pressure:                |            | Outlet Pressure:            | Flow Rate:      | <b>0</b>   |

ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-):

333-062-0255(3)(a.1)

VIOLATION OF OAR 333-062-0255 (3)(a) The combined chlorine levels exceed 0.5 ppm.

**COMBINED CHLORINE AT 1.0 PPM**

Combined chlorine should be kept as low as possible. The spa should not have a pool smell or cause eye or mucus membrane irritation (trichloramine / nitrogen trichloride), The only way to reduce the irritating nitrogen trichloride at an indoor spa, is t

**PLEASE CORRECT AND SHOCK/ BREAKPOINT CHLORINATE POOL TO REDUCE COMBINED CHLORINE TO BELOW 0.5 PPM. PLEASE CALL OFFICE WHEN READY TO REOPEN.**

Establishment: 2950035  
Inspection Type: REINSP

Page 12 of 29  
Start Date/Time: 3/9/2015 at 1:57:07 PM

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Comments:

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Site Report Generated: 6/23/2017 10:10:45 AM

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Person In Charge

Inspection By: Mason Lyman

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**Historical 2/24/2015**

**SPA INSPECTION REPORT**

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:

CAPE KIWANDA RV RESORT

CAPE KIWANDA RV RESORT - SPA

33305 CAPE KIWANDA DR

PACIFIC CITY, OR 97135

Inspection Type: SEMI

Inspection Result: CONTIN

Establishment #: 2950035 Area: 62

Units: 0

County: 29

CAPE KIWANDA RV RESORT - SPA

PO BOX 129

PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x

Inspector: Mason Lyman

Start Date/Time: 2/24/2015 at 3:27:05 PM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

SKIMMERS OK  
DECK SURFACE OK  
STAIRS/LADDERS SOLID  
GOOD POOL SIGNS  
DOORS/ WINDOWS SECURE.  
GOOD CLARITY OF WATER  
MAIN DRAINS INTACT AND FULLY OPERATIONAL

|   |                             |                 |
|---|-----------------------------|-----------------|
| Free Chlorine (1.5-5.0 ppm):                            | Bromine (3.0-8.0 ppm):      | Temperature(Max |
| Combined Chlorine (0-.5 ppm):                           | Cyanuric Acid (30-150 ppm): | Clarity (Y/N):  |
| Total Alkalinity (80-200 ppm):                          | Hardness (175-400 ppm):     | pH (7.2-7.6):   |
| Inlet Pressure:   | Outlet Pressure:            | Flow Rate:      |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |                             |                 |

333-062-0135(1)

VIOLATION OF OAR 333-062-0135 (1) A flow meter is not provided, not properly installed, not located or is not functioning.

**NO FLOW METER INSTALLED AT SPA.**

Install and maintain a working flowmeter that measures the flow in gpm, mounted as recommended by the manufacturer, and that can be easily read by the operator.

**PLEASE CORRECT TO CALCULATE TURNOVER OF SPA (EVERY 30 MINUTES FOR OREGON RULES).**

333-062-0165(1.3)

VIOLATION OF OAR 333-062-0165 (1) The combined chlorine (chloramine) is greater than 0.5 ppm (0.5 mg / kg). Specifically:

**COMBINED CHLORINE AT 0.8 PPM.**

Maintain the combined chlorine (chloramine) residual within the range set out in spa Water Quality Parameters, OAR 333-062-0165, and Table 1, the ideal being 0 ppm, measured combined chlorine. Combined chlorine (chloramines) is irritating to swimmers and

**PLEASE CORRECT TO REDUCE TO BELOW 0.5 PPM.**

333-062-0165(1.7)

VIOLATION OF OAR 333-062-0165 (1) The pH is less than 7.2 or greater than 7.6. specifically:

**PH OF SPA IS CURRENTLY AT 8.0**

Maintain the pH levels within the range set out in the spa Water Quality Parameters, OAR 333-062-0165, and Table 1, the ideal being 7.2 - 7.6.

**PLEASE REDUCE TO GET IN COMPLIANCE BETWEEN 7.2-7.6.**

333-062-0255(1)

VIOLATION OF OAR 333-062-0255(1) The spa pool meets one or more of the closure criteria. The spa pool license holder, operator, or responsible supervisor is responsible for closing the pool.

**SPA IS OUT OF COMPLIANCE WITH COMBINED CHLORINE AND PH. KEEP SPA CLOSED UNTIL IN COMPLIANCE WITH POOL RULES HANDOUT GIVEN TO OPERATOR FOR AT LEAST 4 HOURS.**

The spa pool has been closed by the appropriate pool staff, while they eliminate the reason for the spa pool closure in accordance with OAR 333-062-0255(3). When the reason for the closure is eliminated, the spa pool may reopen. THE POOL STAFF HAS ACTED

**PLEASE CALL OFFICE AT 503-842-3909 TO INFORM OF REOPENING. WILL REINSPECT AFTER REACHING COMPLIANCE.**

Comments:

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Site Report Generated: 6/23/2017 10:10:45 AM

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Person In Charge

Inspection By: Mason Lyman

**Historical 9/3/2014**

**SPA INSPECTION REPORT**

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:

CAPE KIWANDA RV RESORT

CAPE KIWANDA RV RESORT - SPA

33305 CAPE KIWANDA DR

PACIFIC CITY, OR 97135

Inspection Type: SEMI

Inspection Result: COMPLD

Establishment #: 2950035 Area: 62

Units: 0

County: 29

CAPE KIWANDA RV RESORT - SPA

PO BOX 129

PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x

Inspector: Mason Lyman

Start Date/Time: 9/3/2014 at 10:31:46 AM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

SAFETY EQUIPMENT OK

SIGN/RULES OK

DECK SURFACE OK

WALLS.CEILINGS OK

GOOD VENTILATION IN FACILITY

SELF CLOSING DOOR

SKIMMERS OK

GOOD CLARITY

LADDERS/STAIRS OK

|                                |            |                             |                  |            |
|--------------------------------|------------|-----------------------------|------------------|------------|
| Free Chlorine (1.5-5.0 ppm):   | <b>6.2</b> | Bromine (3.0-8.0 ppm):      | Temperature(Max) | <b>101</b> |
| Combined Chlorine (0-.5 ppm):  | <b>2.0</b> | Cyanuric Acid (30-150 ppm): | Clarity (Y/N):   | <b>Y</b>   |
| Total Alkalinity (80-200 ppm): | <b>120</b> | Hardness (175-400 ppm):     | pH (7.2-7.6):    | <b>7.7</b> |
| Inlet Pressure:                |            | Outlet Pressure:            | Flow Rate:       | <b>0</b>   |

ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-):

333-062-0135(1)

VIOLATION OF OAR 333-062-0135 (1) A flow meter is not provided, not properly installed, not located or is not functioning.

**NO FLOW METER INSTALLED FOR SPA WATER**

Install and maintain a working flowmeter that measures the flow in gpm, mounted as recommended by the manufacturer, and that can be easily read by the operator.

**INSTALL FLOW METER TO CHECK ON FLOW AND TURNOVER RATE OF WATER.**

333-062-0165(1.3)

VIOLATION OF OAR 333-062-0165 (1) The combined chlorine (chloramine) is greater than 0.5 ppm (0.5 mg / kg). Specifically:

**COMBINED CHLORINE IS AT 2.0 PPM.**

Maintain the combined chlorine (chloramine) residual within the range set out in spa Water Quality Parameters, OAR 333-062-0165, and Table 1, the ideal being 0 ppm, measured combined chlorine. Combined chlorine (chloramines) is irritating to swimmers and

**GET COMBINED CHLORINE BELOW 0.5 PPM, OR IDEALLY AT 0.**

Establishment: 2950035

Page 16 of 29

Inspection Type: SEMI

Start Date/Time: 9/3/2014 at 10:31:46

333-062-0165(1.7)

VIOLATION OF OAR 333-062-0165 (1) The pH is less than 7.2 or greater than 7.6. specifically:

**PH OF POOL WATER AT 7.7**

Maintain the pH levels within the range set out in the spa Water Quality Parameters, OAR 333-062-0165, and Table 1, the ideal being 7.2 - 7.6.

**GET PH TO BETWEEN 7.2-7.6.**

Comments:

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Site Report Generated: 6/23/2017 10:10:45 AM

Person In Charge

Inspection By: Mason Lyman

Page 16



Establishment: 2950035  
Inspection Type: REINSP

Page 17 of 29  
Start Date/Time: 11/20/2013 at 1:28:58

**Historical 11/20/2013**

**SPA INSPECTION REPORT**

Page 17 of 29

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:  
CAPE KIWANDA RV RESORT  
CAPE KIWANDA RV RESORT - SPA  
33305 CAPE KIWANDA DR  
PACIFIC CITY, OR 97135

Inspection Type: REINSP  
Inspection Result: COMPLD  
Establishment #: 2950035 Area: 62  
Units: 0  
County: 29

CAPE KIWANDA RV RESORT - SPA  
PO BOX 129  
PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x  
Inspector: Melissa Kauffman

Start Date/Time: 11/20/2013 at 1:28:58 PM

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NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

THE PURPOSE OF THIS VISIT IS A REINSPECTION

PH 7.3  
TOTAL CHLORINE 3.2  
COMBINED .2  
ALKALINITY 50  
CAL HARDNESS 170F  
CLARITY IT GREAT  
RECORD KEEPING IS GOOD  
GOOD DEMONSTRATION OF KNOWLEDGE  
FLOW METER IS BROKEN BUT FLOW RATE GERNERALLY MATCHES POOL AT 90GPM  
TURNOVER APPEARS ACCURATE

NO VIOLATIONS AT THIS TIME.

|   |                             |                 |
|---|-----------------------------|-----------------|
| Free Chlorine (1.5-5.0 ppm):                            | Bromine (3.0-8.0 ppm):      | Temperature(Max |
| Combined Chlorine (0-.5 ppm):                           | Cyanuric Acid (30-150 ppm): | Clarity (Y/N):  |
| Total Alkalinity (80-200 ppm):                          | Hardness (175-400 ppm):     | pH (7.2-7.6):   |
| Inlet Pressure:   | Outlet Pressure:            | Flow Rate:      |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |                             |                 |

Establishment: 2950035  
Inspection Type: REINSP

Page 18 of 29  
Start Date/Time: 11/20/2013 at 1:28:58

Comments:

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Site Report Generated: 6/23/2017 10:10:45 AM

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Person In Charge

Inspection By: Melissa Kauffman

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**Historical 11/12/2013**

**SPA INSPECTION REPORT**

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:

CAPE KIWANDA RV RESORT  
CAPE KIWANDA RV RESORT - SPA  
33305 CAPE KIWANDA DR  
PACIFIC CITY, OR 97135

Inspection Type: SEMI  
Inspection Result: CONTIN  
Establishment #: 2950035 Area: 62

Units: 0  
County: 29

CAPE KIWANDA RV RESORT - SPA  
PO BOX 129  
PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x  
Inspector: Melissa Kauffman

Start Date/Time: 11/12/2013 at 12:54:32 PM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

THE PURPOSE OF THIS VISIT IS A SEMI ANNUAL INSPECTION

- GOOD ENCLOSURE SECURITY
- PHONE AT FRONT DEST NEXT TO POOL
- GOOD RECORD KEEPING
- GOOD DEMONSTRATION OF KNOWLEDGE
- GOOD SIGNS
- CLAIRTY IT GOOD
- SKIMMERS ARE IN PRESENT AND CLEAN
- SHOWER AREA IS AVIALABLE
- SAFETY EQUIPMENT IS PROVIDED

PH IS A 8.0 SPA IS CLOSED UNTIL MURATIC ACID IS ADDED AND PH IS BELOW 7.6

\*THE CLOSER TO 7.0 THE MORE EFFECTIVE CHLORINE WORKS\*

|   |            |                             |            |                  |            |
|---|------------|-----------------------------|------------|------------------|------------|
| Free Chlorine (1.5-5.0 ppm):                            | <b>3.8</b> | Bromine (3.0-8.0 ppm):      |            | Temperature(Max) | <b>103</b> |
| Combined Chlorine (0-.5 ppm):                           | <b>.2</b>  | Cyanuric Acid (30-150 ppm): | <b>0</b>   | Clarity (Y/N):   | <b>Y</b>   |
| Total Alkalinity (80-200 ppm):                          | <b>90</b>  | Hardness (175-400 ppm):     | <b>320</b> | pH (7.2-7.6):    | <b>8.0</b> |
| Inlet Pressure:   |            | Outlet Pressure:            |            | Flow Rate:       | <b>0</b>   |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |            |                             |            |                  |            |

Establishment: 2950035

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Inspection Type: SEMI

Start Date/Time: 11/12/2013 at 12:54:32

A REINSPECTION WILL OCCUR

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Site Report Generated: 6/23/2017 10:10:45 AM

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Person In Charge

Inspection By: Melissa Kauffman

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Establishment: 2950035

Inspection Type: REINSP

Start Date/Time: 5/9/2013 at 10:58:37

**Historical 5/9/2013**

**SPA INSPECTION REPORT**

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:

CAPE KIWANDA RV RESORT

CAPE KIWANDA RV RESORT - SPA

33305 CAPE KIWANDA DR

PACIFIC CITY, OR 97135

Inspection Type: REINSP

Inspection Result: COMPLD

Establishment #: 2950035 Area: 62

Units: 0

County: 29

CAPE KIWANDA RV RESORT - SPA

PO BOX 129

PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x

Inspector: Melissa Kauffman

Start Date/Time: 5/9/2013 at 10:58:37 AM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

THE PURPOSE OF THIS VISIT IS A REINSPECTION

CLARITY IS GOOD

FREE CHLORINE IS 1.6PPM

PH IS 7.6

Free Chlorine (1.5-5.0 ppm):

Bromine (3.0-8.0 ppm):

Temperature(Max

Combined Chlorine (0-.5 ppm):

Cyanuric Acid (30-150 ppm):

Clarity (Y/N):

Total Alkalinity (80-200 ppm):

Hardness (175-400 ppm):

pH (7.2-7.6):

Inlet Pressure:

Outlet Pressure:

Flow Rate:

ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-):

Comments:

Site Report Generated: 6/23/2017 10:10:45 AM

Inspection By: Melissa Kauffman

**Historical 5/6/2013 SPA INSPECTION REPORT** Page 22 of 29

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:  
CAPE KIWANDA RV RESORT  
CAPE KIWANDA RV RESORT - SPA  
33305 CAPE KIWANDA DR  
PACIFIC CITY, OR 97135

Inspection Type: REINSP  
Inspection Result: CLOSE  
Establishment #: 2950035 Area: 62  
Units: 0  
County: 29

CAPE KIWANDA RV RESORT - SPA  
PO BOX 129  
PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x  
Inspector: Melissa Kauffman

Start Date/Time: 5/6/2013 at 1:38:21 PM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

THE PURPOSE OF THIS VISIT IS A REINSPECTION OF THE SPA.

THE CLARITY IS GOOD  
SPA WAS OPENED DURING THE WEEKEND

CHEMISTRY  
TOTAL CHLORINE 5.2PPM  
COMBINED CHLORINE .8PPM \*\*  
PH 7.2  
ALKALINITY 80PPM ADJUSTED FOR CYA TOTAL ALK= 0PPM \*\*  
CALIUM HARDNESS = 240PPM  
CYA = 300PPM

|   |                             |                 |
|---|-----------------------------|-----------------|
| Free Chlorine (1.5-5.0 ppm):                            | Bromine (3.0-8.0 ppm):      | Temperature(Max |
| Combined Chlorine (0-.5 ppm):                           | Cyanuric Acid (30-150 ppm): | Clarity (Y/N):  |
| Total Alkalinity (80-200 ppm):                          | Hardness (175-400 ppm):     | pH (7.2-7.6):   |
| Inlet Pressure:   | Outlet Pressure:            | Flow Rate:      |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |                             |                 |

333-062-0165(1.10)

VIOLATION OF OAR 333-062-0165 (1) The cyanuric acid level is greater than 150 ppm, specifically:

**CYANURIC ACID LEVELS ARE VERY HIGH AT 300PPM**

**PLEASE LOWER TO BELOW 150PPM.**

Maintain the cyanuric acid within the range set out in the spa Water Quality Parameters, OAR 333-62-165, and Table 1. Cyanuric acid inhibits the effectiveness of the chlorine. High levels will slow disinfection from seconds and minutes to minutes, hours

**SEE COMBINED CHLORINE VIOLATION**

---

333-062-0165(1.3)

VIOLATION OF OAR 333-062-0165 (1) The combined chlorine (chloramine) is greater than 0.5 ppm (0.5 mg / kg). Specifically:

**COMBINED CHLORINE LEVELS ARE HIGH AND SHOW HIGH LEVELS OF RESIDUAL BACTERIA.**

Maintain the combined chlorine (chloramine) residual within the range set out in spa Water Quality Parameters, OAR 333-062-0165, and Table 1, the ideal being 0 ppm, measured combined chlorine. Combined chlorine (chloramines) is irritating to swimmers and

**HIGH LEVELS OF CYA ARE NOT ALLOWS CHLORINE TO KILL OFF BACTERIA AT ITS DESIRED RATE.**

**SUGGESTED SOLUTIONS:**

**ADD NEW WATER, SCRUB THE WALLS OF THE SPA AND SHOCK CHLORINATE TO REACH BREAK POINT CHLORINATION.**

**TEST FOR CYANURIC ACID.**

333-062-0165(1.9)

VIOLATION OF OAR 333-062-0165 (1) The total alkalinity level does not comply with required water quality parameters. Specifically:

**THE ALKALINITY READS AT 80PPM WITH TAYLOR TEST KIT AND ADJUSTED FOR CYANURIC ACID TOTAL ALKALINITY IS 0PPM**

Maintain the total alkalinity level greater than 80 ppm and less than 175 ppm, the ideal range being 80-125 ppm. Most modern finishes are durable within this range as long as the calcium saturation is maintained and the water is balanced.

**PLEASE LOWER CYANURIC ACID TO ALLOW FOR PROPER LEVELS OF ALKALINITY**

**THE SPA SHALL REMAIN CLOSED UNTIL COMBINED CHLORINE LEVELS ARE BELOW .4PPM AND ALKALINITY IS RAISED TO ABOVE 80PPM (PLEASE FACTOR IN CYA WITH THE ALKALINITY ADJUSTMENT).**

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Site Report Generated: 6/23/2017 10:10:45 AM

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Inspection By: Melissa Kauffman

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**Historical 4/29/2013**

**SPA INSPECTION REPORT**

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:

CAPE KIWANDA RV RESORT

CAPE KIWANDA RV RESORT - SPA

33305 CAPE KIWANDA DR

PACIFIC CITY, OR 97135

Inspection Type: SEMI

Inspection Result: CLOSE

Establishment #: 2950035 Area: 62

Units: 0

County: 29

CAPE KIWANDA RV RESORT - SPA

PO BOX 129

PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x

Inspector: Melissa Kauffman

Start Date/Time: 4/29/2013 at 11:41:49 AM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

THE PURPOSE OF THIS VISIT IS A SEMI ANNUAL INSPECTION OF THE SPA.

ALL NECESSARY POOL SAFETY EQUIPMENT

GOOD SIGNS FOR PATRON SWIMMING

SMALL CHILDREN ARE IN SPA DURING TIME OF INSPECTION (RULES FOR NO CHILDREN UNDER 14 NOT ENFORCED)

GATES AND ENCLOSURES ARE SECURE

CLARITY IS GREAT

SKIMMERS ARE CLEAN AND MISSING THE FLOATING WEIR TO ALLOW A STEADY FLOW OF WATER

TEMPERATURE IS 102F

COMBINED CHLORINE IS VERY HIGH AT .7PPM SHOULD BE NO COMBINED CHLORINE (HOWEVER THERE IS A HIGH BATHER LOAD)

PH IS GREAT 7.3

CALCIUM HARDNESS IS 230PPM

CYANURIC ACID IS VERY HIGH 180PPM NO CYANURIC ACID IS NEEDED.

ALKALINITY TESTED AT 70PPM - 1/3 OF CYA = 10PPM ALKALINITY. VERY LOW.

NO SLIME IN SKIMMERS

STAFF VOLUNTARILY CLOSED THE SPA UNITL

\*CYA IS BELOW 50PPM

\*COMBINED CHLORINES ARE AT OR BELOW .2PPM

\*RAISE ALKALINITY TO AT LEAST 60PPM

|   |            |                             |            |                 |            |
|---|------------|-----------------------------|------------|-----------------|------------|
| Free Chlorine (1.5-5.0 ppm):                            | <b>4.4</b> | Bromine (3.0-8.0 ppm):      |            | Temperature(Max | <b>102</b> |
| Combined Chlorine (0-.5 ppm):                           | <b>.7</b>  | Cyanuric Acid (30-150 ppm): | <b>180</b> | Clarity (Y/N):  | <b>Y</b>   |
| Total Alkalinity (80-200 ppm):                          | <b>10</b>  | Hardness (175-400 ppm):     | <b>230</b> | pH (7.2-7.6):   | <b>7.4</b> |
| Inlet Pressure:   |            | Outlet Pressure:            |            | Flow Rate:      | <b>1.6</b> |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |            |                             |            |                 |            |



333-062-0165(1.10)

VIOLATION OF OAR 333-062-0165 (1) The cyanuric acid level is greater than 150 ppm, specifically:

**THE CYANURIC ACID LEVEL IS VERY HIGH AT 180PPM**

Maintain the cyanuric acid within the range set out in the spa Water Quality Parameters, OAR 333-62-165, and Table 1. Cyanuric acid inhibits the effectiveness of the chlorine. High levels will slow disinfection from seconds and minutes to minutes, hours

- PLEASE LOWER TO BELOW 50PPM**
- REPLACE WATER SCRUB WALLS.**
- ADD NEW CHLORINE THAT IS NOT TRICHLOR**

333-062-0165(1.3)

VIOLATION OF OAR 333-062-0165 (1) The combined chlorine (chloramine) is greater than 0.5 ppm (0.5 mg / kg). Specifically:

**\*PLEASE NOTE HIGH BATHER LOAD CONTRIBUTED TO HIGH COMBINED CHLORINE\***

**COMBINED CHLORINE IS AT .7PPM**

Maintain the combined chlorine (chloramine) residual within the range set out in spa Water Quality Parameters, OAR 333-062-0165, and Table 1, the ideal being 0 ppm, measured combined chlorine. Combined chlorine (chloramines) is irritating to swimmers and

**SPA NEEDS NEW WATER DUE POOR CHEMISTRY.**

333-062-0165(1.9)

VIOLATION OF OAR 333-062-0165 (1) The total alkalinity level does not comply with required water quality parameters. Specifically:

**THE TOTAL ALAKINITY HAS FALSE RESULTS DUE TO THE CYANURIC ACID.**  
**TAKE 1/3 THE CYANURIC ACID READING AND SUBTRACT THAT FROM THE**  
**ALKALINITY READING THAT IS YOUR TRUE TOTAL ALKALINITY**  
**PRESENTLY TOTAL ALKALINITY IS 10PPM**

Maintain the total alkalinity level greater than 80 ppm and less than 175 ppm, the ideal range being 80-125 ppm. Most modern finishes are durable within this range as long as the calcium saturation is maintained and the water is balanced.

**PLEASE BRING BACK UP TO IDEAL RANGES.**

GOOD TURNOVER RATE

Establishment: 2950035  
Inspection Type: REINSP

Page 26 of 29  
Start Date/Time: 9/12/2012 at 11:07:40

**Historical 9/12/2012**

**SPA INSPECTION REPORT**

Page 26 of 29

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:  
CAPE KIWANDA RV RESORT  
CAPE KIWANDA RV RESORT - SPA  
33305 CAPE KIWANDA DR  
PACIFIC CITY, OR 97135

Inspection Type: REINSP  
Inspection Result: COMPLD  
Establishment #: 2950035 Area: 62  
Units: 0  
County: 29

CAPE KIWANDA RV RESORT - SPA  
PO BOX 129  
PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x  
Inspector: Melissa Kauffman

Start Date/Time: 9/12/2012 at 11:07:40 AM

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NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

THE PURPOSE OF THIS VISIT IS A REINSPECTION

CHOLORINE IS AT 4.6PPM  
COMBINED CHLORINE IS .4PPM

ALL VIOLATIONS ARE CORRECTED  
THANK YOU FOR YOUR EFFORTS

|   |                             |                 |
|---|-----------------------------|-----------------|
| Free Chlorine (1.5-5.0 ppm):                            | Bromine (3.0-8.0 ppm):      | Temperature(Max |
| Combined Chlorine (0-.5 ppm):                           | Cyanuric Acid (30-150 ppm): | Clarity (Y/N):  |
| Total Alkalinity (80-200 ppm):                          | Hardness (175-400 ppm):     | pH (7.2-7.6):   |
| Inlet Pressure:   | Outlet Pressure:            | Flow Rate:      |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |                             |                 |

Comments:

Site Report Generated: 6/23/2017 10:10:45 AM

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Inspection By: Melissa Kauffman

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Establishment: 2950035

Inspection Type: REINSP

Start Date/Time: 9/7/2012 at 11:04:06

**Historical 9/7/2012**

**SPA INSPECTION REPORT**

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:

CAPE KIWANDA RV RESORT

CAPE KIWANDA RV RESORT - SPA

33305 CAPE KIWANDA DR

PACIFIC CITY, OR 97135

Inspection Type: REINSP

Inspection Result: CLOSE

Establishment #: 2950035 Area: 62

Units: 0

County: 29

CAPE KIWANDA RV RESORT - SPA

PO BOX 129

PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x

Inspector: Melissa Kauffman

Start Date/Time: 9/7/2012 at 11:04:06 AM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

THE PURPOSE OF THIS VISIT IS A REINSPECTION

THE COMNINED CHLORINE IS 1.2PPM

PIC CONTINUED TO CLOSE THE POOL AND WILL LOWER THE COMBINED TO LESS THAN .5PPM BEFORE REOPENING

A REINSPECTION WILL OCCUR WITHIN A WEEK

Free Chlorine (1.5-5.0 ppm):

Bromine (3.0-8.0 ppm):

Temperature(Max

Combined Chlorine (0-.5 ppm):

Cyanuric Acid (30-150 ppm):

Clarity (Y/N):

Total Alkalinity (80-200 ppm):

Hardness (175-400 ppm):

pH (7.2-7.6):

Inlet Pressure:

Outlet Pressure:

Flow Rate:

ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-):

Comments:

Site Report Generated: 6/23/2017 10:10:45 AM

Inspection By: Melissa Kauffman

**Historical 9/4/2012**

**SPA INSPECTION REPORT**

**Tillamook Co. Environmental Health PO Box 489 Tillamook, OR 97141  
(503) 842-3943**

Owner Name:

CAPE KIWANDA RV RESORT  
CAPE KIWANDA RV RESORT - SPA  
33305 CAPE KIWANDA DR  
PACIFIC CITY, OR 97135

Inspection Type: SEMI  
Inspection Result: COMPLD  
Establishment #: 2950035 Area: 62  
Units: 0  
County: 29

CAPE KIWANDA RV RESORT - SPA  
PO BOX 129  
PACIFIC CITY, OR 97135

Phone: (503) 965-6230 x  
Inspector: Melissa Kauffman

Start Date/Time: 9/4/2012 at 10:12:15 AM

NOTICE OF INSPECTION: AN INSPECTION OF THE ABOVE-NAMED FACILITY WAS CONDUCTED ON THIS DATE TO ASCERTAIN COMPLIANCE WITH OR 448.005- 448.090 AND RULES OF THE OREGON HEALTH AUTHORITY PERTAINING TO PUBLIC SWIMMING POOLS AND PUBLIC SPA POOLS. FAILURE TO CORRECT ITEMS LISTED BELOW MAY RESULT IN SUSPENSION, REVOCATION OR DENIAL OF THE PERMIT OR LICENSE ISSUED UNDER ORS 448.030 or 448.035.

THE PURPOSE OF THIS VISIT IS A SEMI ANNUAL INSPECTION OF THE SPA

- LADDERS ARE SECURE
- GOOD SIGNS FOR SAFTEY
- SAFTEY EQUIPMENT IS PROVIDED
- EXITS ARE SECURE
- EMERGENCY PHONE LOCATED NEAR BY
- SKIMMERS ARE GOOD
- GOOD RECORD KEEPING
- PIC HAS GOOD DEMONSTRATION OF KNOWLEDGE

CHLORINE AND COMBINED CHLORINE IS HIGH AND THE SPA SHALL REMAIN CLOSED UNTIL CHEMICLES ARE BALANCED

|   |            |                             |                 |           |
|---|------------|-----------------------------|-----------------|-----------|
| Free Chlorine (1.5-5.0 ppm):                            | <b>12.</b> | Bromine (3.0-8.0 ppm):      | Temperature(Max |           |
| Combined Chlorine (0-.5 ppm):                           | <b>1.0</b> | Cyanuric Acid (30-150 ppm): | Clarity (Y/N):  | <b>Y</b>  |
| Total Alkalinity (80-200 ppm):                          |            | Hardness (175-400 ppm):     | pH (7.2-7.6):   | <b>.7</b> |
| Inlet Pressure:   |            | Outlet Pressure:            | Flow Rate:      | <b>0</b>  |
| ORP mVolts (750 mVolts for Cl- and 700 mVolts for Br-): |            |                             |                 |           |

333-062-0165(1.2)

VIOLATION OF OAR 333-062-0165 (1) The free available chlorine is greater than 5 ppm, specifically:

**CHLORINE FOR DISINFECTION IS AT 12.0**

Maintain the free available chlorine residual within the range set out in Spa Water Quality Parameters, OAR 333-062-0165, and Table 1. The ideal being 3.0 ppm, measured free available chlorine.

**PIC IS ADDING CHLORINE REDUCER AT THIS TIME. SPA IS CLOSED**

Establishment: 2950035

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Inspection Type: SEMI

Start Date/Time: 9/4/2012 at 10:12:15

333-062-0165(1.3)

VIOLATION OF OAR 333-062-0165 (1) The combined chlorine (chloramine) is greater than 0.5 ppm (0.5 mg / kg). Specifically:

**COMBINED CHLORINE IS 1.0**

Maintain the combined chlorine (chloramine) residual within the range set out in spa Water Quality Parameters, OAR 333-062-0165, and Table 1, the ideal being 0 ppm, measured combined chlorine. Combined chlorine (chloramines) is irritating to swimmers and

**THIS COULD BE DUE TO A HIGH BATHER LOAD, HOWEVER CHLORINE AND COMBINED CHLORINE MUST BE CORRECTED BEFORE REOPENING THE SPA**

Comments:

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Site Report Generated: 6/23/2017 10:10:45 AM

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Inspection By: Melissa Kauffman

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