

John Day Dam

1. Fish Passage Information.

The locations of fish passage facilities at John Day Lock and Dam are shown on **Figures JDA-1** and **JDA-2**. Dates for project operations for fish purposes and special operations are listed in **Table JDA-1**.

1.1. Juvenile Fish Passage

1.1.1. Juvenile Bypass Facilities Description. Juvenile fish bypass facilities at John Day Dam, completed in 1987, with the new Smolt Monitoring Facility (SMF) completed in 1998, include one vertical barrier screen (VBS), submersible traveling screen (STS) and one 14" diameter orifice per gatewell in each of the project's 16 turbine units for a total of 48 orifices. The bypass collection conduit leads to a transport channel which carries collected juvenile fish to the river below the dam when the smolt monitoring facility is not in operation (bypass mode). Differential between the forebay and bypass conduit is controlled by the tainter gate.

1.1.2 Smolt Monitoring Facilities Description. During the juvenile sampling season, flow with collected fish from the JBS is sent over the crest gate and down an elevated chute to the dewatering structure. Most of the flow is dewatered and the remaining water, 30 cfs, is directed to the transport flume and past a switch gate. This gate directs fish to either the sampling building or directly to the outfall (emergency bypass only). Fish diverted for sampling pass a fish and debris separator, where debris and adult fish are directed into a separate discharge flume, leading to the outfall. Juvenile fish are interrogated by PIT tag detectors and are diverted either to the outfall or to the laboratory building for sampling (shown in **Figure JDA-1**).

1.1.3. Juvenile Migration Timing. Juvenile passage timing has been determined by past gatewell and SMF sampling at John Day Dam (**Table JDA-2**.) Ongoing research shows that daytime operation shows significant daytime passage (results to date). Smolt monitoring facility operation will be discontinued on **September 15**. Sample collection in lab will operate through September 15. Full flow PIT interrogation will continue through **September 15**. Maintenance of juvenile fish facilities is scheduled from approximately December 16 through March 31 to minimize impact on downstream migrants and reduce the possibility of adult fallbacks through turbine units. During this time the juvenile bypass system will be dewatered.

1.1.3.1. Peak passage occurs between 2300 and 2400 hours with a long period of elevated passage until dawn, when passage decreases. Passage increases dramatically at dusk (about 2000 hours). Gatewell sampling data indicate that roughly 80% of the juvenile migrants pass John Day Dam between 2100 and 0600 hours. During the peak spring juvenile migration period at John Day Dam, 40% of the spring chinook and steelhead daily passage occurred between 0700 and 2200 hours. Note the above information is for powerhouse passage only. Recent radio-tracking and hydroacoustic information indicates different passage patterns for the spillway and project when spill is occurring 24 hours a day.

Figure JDA – 1

JDA-2

Figure JDA – 2

JDA-3

Table JDA-1. Dates of project operations for fish purposes at John Day Dam, 2008-9 Deleted: 7

Table JDA-2. John Day 10%, 50%, and 90% juvenile passage dates, 1995 to 2006, with duration of middle 80% in days.

Yearling Chinook					Subyearling Chinook				
	10 %	50%	90 %	# of Days		10 %	50%	90 %	# of Days
1999	22-Apr	13-May	31-May	40	1999	18-Jun	29-Jun	25-Jul	38
2000	20-Apr	9-May	28-May	39	2000	6-Jun	29-Jun	3-Aug	59
2001	6-May	27-May	20-Jun	46	2001	27-Jun	30-Jul	22-Aug	57
2002	1-May	17-May	1-Jun	32	2002	20-Jun	30-Jun	20-Jul	31
2003	3-May	19-May	2-Jun	31	2003	6-Jun	27-Jun	30-Jul	55
2004	28-Apr	16-May	30-May	33	2004	14-Jun	28-Jun	23-Jul	40
2005	25-Apr	12-May	22-May	28	2005	19-Jun	5-Jul	27-Jul	39
2006	25-Apr	11-May	24-May	30	2006	12-Jun	2-Jul	17-Jul	36
2007					2007				
MEDIAN	28-Apr	16-May	31-May	33	MEDIAN	14-Jun	30-Jun	27-Jul	40
MIN	20-Apr	9-May	22-May	28	MIN	6-Jun	27-Jun	17-Jul	31
MAX	6-May	27-May	20-Jun	46	MAX	27-Jun	30-Jul	22-Aug	59
Unclipped Steelhead					Hatchery Steelhead				
	10 %	50%	90 %	# of Days		10 %	50%	90 %	# of Days
1999	26-Apr	23-May	5-Jun	41	1999	29-Apr	28-May	7-Jun	40
2000	18-Apr	5-May	28-May	41	2000	15-Apr	2-May	24-May	40
2001	28-Apr	5-May	30-May	33	2001	2-May	17-May	10-Jun	40
2002	19-Apr	19-May	8-Jun	51	2002	24-Apr	14-May	6-Jun	44
2003	30-Apr	28-May	4-Jun	36	2003	2-May	29-May	4-Jun	34
2004	30-Apr	23-May	2-Jun	34	2004	7-May	20-May	29-May	23
2005	1-May	14-May	24-May	24	2005	4-May	19-May	26-May	23
2006	24-Apr	14-May	29-May	36	2006	28-Apr	10-May	29-May	32
2007					2007				
MEDIAN	27-Apr	16-May	31-May	36	MEDIAN	2-May	18-May	2-Jun	34
MIN	18-Apr	5-May	24-May	24	MIN	15-Apr	2-May	24-May	23
MAX	1-May	28-May	8-Jun	51	MAX	7-May	29-May	10-Jun	44
Coho					Sockeye (Wild + Hatchery)				
	10 %	50%	90 %	# of Days		10 %	50%	90 %	# of Days
1999	30-Apr	22-May	2-Jun	34	1999	10-May	17-May	1-Jun	23
2000	5-May	13-May	8-Jun	35	2000	30-Apr	14-May	9-Jun	41
2001	17-May	1-Jun	14-Aug	90	2001	1-Jun	14-Jun	27-Jun	27
2002	7-May	1-Jun	12-Jun	37	2002	9-May	21-May	2-Jun	25
2003	9-May	30-May	8-Jun	31	2003	10-May	19-May	2-Jun	24
2004	12-May	27-May	12-Jun	32	2004	20-May	1-Jun	12-Jun	24
2005	5-May	16-May	3-Jun	30	2005	16-May	21-May	31-May	16
2006	10-May	26-May	12-Jun	27	2006	7-May	20-May	30-May	24
2007					2007				
MEDIAN	9-May	26-May	8-Jun	32	MEDIAN	10-May	20-May	2-Jun	24
MIN	30-Apr	13-May	2-Jun	24	MIN	30-Apr	14-May	30-May	16
MAX	17-May	1-Jun	14-Aug	90	MAX	1-Jun	14-Jun	27-Jun	41

1.2. Adult Fish Passage.

1.2.1. Facilities Description. The adult fish passage facilities at John Day Dam include a north shore fish ladder that passes fish from entrances at the north end of the spillway, and a south

shore fish ladder that passes fish from entrances along a collection channel which extends the full length of the powerhouse. Auxiliary water is provided to all collection systems by pumping from the tailrace. South auxiliary water also includes forebay water from the fish turbines. Counting stations are provided in both fishways.

1.2.2. Adult Migration Timing and Counting. Upstream migrants are present at John Day Dam throughout the year and adult passage facilities are operated year round. Adult fish (salmon, steelhead, shad, and lamprey) are normally counted from February 20 through December 7 (**Table JDA-3**), and these data appear daily (or every three days during video counting periods) on the Corps adult count website. Migration timing data for these species, except shad, appear in **Table JDA-4**. Sturgeon and bull trout are also counted and recorded on the WDFW fish counters' daily summary sheet comments section, and these data are summarized in the Annual Fish Passage Report, but do not appear on the Corps daily website total due to relative infrequency of passage.

1.2.2.1. The adult fish counting schedule is shown in **Table JDA-3**. Fish passage from November through March is relatively light; therefore fish counting is done for portions of this period by video rather than visual counting.

Deleted: Because f

Table JDA-3. Adult fish counting schedule.

Period	Counting Method
February 20 – March 31	Video count 0400 – 2000 PST
April 1 – October 31	Visual count 0400 – 2000 PST
November 1 – December 7	Video count 0400 – 2000 PST

Formatted

1.2.2.2. Annual winter maintenance of adult fish facilities is scheduled from December 1 through February (in-water work period) to minimize impacts on upstream migrants.

1.2.2.3. Adult fish migration timing has been calculated for John Day Dam from count data collected by the Corps since 1968. **Table JDA-4** summarizes adult fish passage timing through 2007. The primary passage period and the earliest and latest peaks of migration recorded are listed for each species (except shad). Peak lamprey migration timing for only the years 2000-2006 appears in this table.

Deleted: 6

Table JDA-4. John Day Dam adult migration timing, 1968-2007.

Species	Count Period	Earliest Peak	Latest Peak
Spring Chinook	2/20 - 6/5	4/14	5/22
Summer Chinook	6/6 - 8/5	6/7	8/2
Fall Chinook	8/6 – 12/7	9/2	9/25
Steelhead	2/20 – 12/7	8/25	10/6
Sockeye	2/20 – 12/7	6/21	7/10
Coho	2/20 – 12/7	9/4	10/26
Lamprey	2/20 – 12/7	7/16	8/12

Deleted: 6

Formatted: Font: 11 pt

2. Project Operation.

2.1. General.

2.1.1. Research, non-routine maintenance, other fish related activities, and construction activities will not be conducted within 100' of any fishway entrance or exit, within 50' of any other part of the adult fishway, or directly in, above, or adjacent to any fishway, unless coordinated by the project, Portland District Operations and/or Planning, or CENWP Construction office through FPOM or FFDRWG. Currently coordinated special operations related to research are described in **Appendix A**. Alternate actions will be considered by district and project biologists in conjunction with the Regional fish agencies on a case by case basis. Emergency situations should be dealt with immediately by the project in coordination with the project or district biologist. If unavailable, the biologists will be informed of steps taken to correct the situation immediately following the incident. All activities within boat restricted zone (BRZ) will be coordinated at least two weeks in advance with the project, unless it is deemed an emergency (see also **Overview** for coordination guidance).

2.2. Spill Management.

[Refer to 2008 FOP and remove some of the paragraphs below](#)

Spill patterns formulated with spillway deflectors in place are provided in Table JDA-9. These will be used for both adult and juvenile patterns. Minimum spill of 30% is to provide adequate tailrace egress for juvenile salmonids. Spill from Bay 2 (1 stop or 1.6K) is provided for adult attraction during daylight hours between September 1 and the end of November. Provisions are in place for deviations from normal spill patterns for barge traffic entering the navigation lock and have been coordinated with the fish agencies and tribes through the proper fish regulatory forums (TMT, FPOM, FFDRWG, etc.).

Deleted: ¶

Formatted: Font: 10 pt

Formatted: Normal

Deleted: ¶

Formatted: Heading 2, Widow/Orphan control

Formatted: Font: (Default) Times New Roman, 12 pt, Not Bold, Not Italic

2.3. Dissolved Gas Management and Control. Spill management requests will be based upon total dissolved gas (TDG) monitoring data and the observed condition of migrating juveniles and adults, along with juvenile migration monitoring data. Total TDG monitoring will be conducted by the Corps at the John Day Dam forebay and tailrace automated stations and reported every four hours from April 1 through September 15. Related data reported at the same time, includes volume and total project flow. The TDG monitoring system is described in detail in **Appendix D**. Excessive total TDG levels, which may harm fish, will be controlled to the extent possible, subject to river flow conditions. Control measures will include system spill allocations through the spill priority list issued by Reservoir Control Center (RCC), nighttime or daytime spill limits, and shaping of spill discharge.

Deleted: ¶

¶

2.4. Juvenile Fish Passage Facilities.

2.4.1. Operating Criteria.

2.4.1.1. December 1 through March 31 (Winter Maintenance Period).

- a. Remove debris from the forebay, all trash racks, and gatewell slots, so that these areas are debris-free on April 1.

- b. Inspect all VBSS for damage, holes, debris accumulations, or protrusions (video inspection acceptable). Clean and repair when necessary.
- c. Inspect and operate each STS.
- d. By April 1, place STSs in each intake slot of all operational units unless otherwise coordinated with the fish agencies and tribes.
- e. Inspect and, where necessary, clean and/or repair all gateway orifices and orifice lighting systems, such that these systems are debris-free and operable on April 1.
- f. Check automatic control calibration/operation for the DSM tainter gate and other necessary sensors weekly and recalibrate as necessary. Report summaries of equipment recalibration in the weekly Smolt Monitoring Facility (SMF) operation monitoring reports.
- g. Inspect, maintain and, where necessary, repair the DSM conduit tainter gate.
- h. Inspect and, where necessary, correct any deficiencies of walls and floor of DSM conduit, raceway, and outfall.
- i. Inspect and, where necessary, repair spill gates and the associated control system. Spillways, except for coordinated exceptions, must be able to achieve standard spill patterns on April 1.
- j. Avian **Abatement Measures**. Avian abatement measures shall be in place by April 1. Repair avian predator control lines as soon as possible following damage or removal. Install and maintain new avian predator control lines in locations determined to be significantly impacted by avian predators. Avian hazing will occur March 1 – September 30. However, there will be no avian abatement measures, other than avian lines, performed from September through March each year.

k. Smolt Monitoring Facility: Insure all of the following items are fully operational:

1. Dewatering facilities, including weir gates, clean perforated plates, the screens (free of holes or gaps), and the screen cleaner brush system.
2. All valves and auxiliary water systems.
3. Flushing water valves and their perforated plates.
4. All gates, including the crest, tainter, switch, and rotating gates.
5. Fish and debris separator, including perforated plates and the adult passage chamber.

Deleted: k. Inspections. The results of all inspections and the readiness of the facility for operation will be reported at the FPOM meeting immediately prior to the start of the juvenile fish passage season.¶

Deleted: l

6. PIT tag detectors.

7. All sampling building systems, including holding tanks, valves, and conduits.
(Note: A more specific list can be found in the Smolt Monitoring Facility Operation and Maintenance Manual.)

2.4.1.2. April 1 through November 30 (Fish Passage Season). Juvenile fish protection devices (submersible traveling screens (STS)), will be in place prior to the beginning of the juvenile fish passage season. Screens will remain in operation through December 15 to prevent adult salmonids from falling back through turbine units, even though the juvenile passage season officially ends November 30.

- a. Measure gatewell drawdown across the trashrack a minimum of once per week. Remove debris from forebay and trash racks as required to maintain less than 1.5' of drawdown in gatewell.
- b. Units 1 through 5 will be raked, if necessary as determined by ROV inspection, monthly between April 1 and July 1. Units 6 through 10 or units 11 through 16 will be alternately raked with units 1 through 5 from April 1 through July 1. After July 1, units will be raked as necessary as determined by ROV inspection, or as needed to avoid exceeding gatewell drawdown criterion.
- c. Debris accumulations in the forebay of 300' or more in any direction from the face of the dam will be removed within 48 hours. Debris removal efforts should continue until the debris load has been removed.
- d. If debris loads are obvious in the forebay, trash will be raked in front of the affected units weekly until the debris load has been removed.
- e. Additional raking will occur whenever trash accumulations are suspected because of increased differential (1.5') across the trash racks, or as determined by the project biologist in reference to indicators such as increased juvenile fish descaling at the dam, deteriorating fish condition as noted by SMF personnel, or increased accumulations of tumbleweeds in the forebay. Gatewell orifices of the unit being raked must be closed during the raking operation.
- f. Inspect each STS, VBS, and orifices once per month (or 720 hours run time). Video inspections are acceptable. More frequent inspections may be required under the following conditions: deterioration of fish condition, increased debris load in bypass system, and other indications of STS or VBS malfunction or failure. If STS or VBS damage or plugging is detected, follow procedures in **Section 3. Fish Facilities Maintenance**. Records of inspections will be reported in weekly fishway status reports and provided to FPOM. Unit 2 will operate when unit 1 is out of service for STS inspections.

g. Open all gatewell orifices (April 1 – December 15). Inspect orifice lights daily to assure that the orifice lights are operating. Replace all burned out orifice lights within 24 hours. Close and open each orifice three times daily, or more frequently, to be determined by the project biologist, as necessary due to heavy debris accumulations in gatewells. If a unit goes out of service, orifices are to remain open in associated gatewells for a 24-hour period afterward to allow fish to escape the gatewells into the DSM.

h. Observe each STS amp and/or watt meter readings at least once per shift. If an STS failure occurs, then follow procedures in **Section 3. Fish Facilities Maintenance**.

i. Inspect all STS gatewells daily. The project will clean gatewells before the gatewell water surface becomes half covered with debris. If, due to the volume of debris, it is not possible to keep the gatewell surfaces at least clear, they will be cleaned at least once daily. Turbines with a gatewell fully covered with debris will not be operated except to be in compliance with other coordinated fish measures, and then only on a last on/first off basis. The powerhouse gatewell orifices will be closed during the cleaning operation. After debarking a gatewell, cycle the orifice in that gatewell. Check gatewell drawdown.

j. Efforts should be made to keep all petroleum out of gatewells. Project environmental section will determine cleanup efforts if needed. Regardless of unit operating status, oil accumulations will be dealt with promptly.

k. Coordinate gatewell cleaning, when using a dip basket, with personnel operating the Smolt Monitoring Facility.

l. Reinstall or repair avian predator control lines as soon as possible following damage or removal. Install and maintain new avian predator control lines in locations determined to be significantly impacted by avian predators. Implement other avian abatement (hazing) as necessary from April through August only.

m. Turbine units without a full complement of rotating STSs will not operate, except to be in compliance with other coordinated fish measures.

n. Maintain water level in the bypass conduit between 4.0' – 5.0', as measured at Unit 16.

Deleted: **n.** Inspect facilities two times each day. ¶
¶
o. Maintain

p. Smolt Monitoring Facility. Ensure the proper function of sampling systems.

Deleted: **p.** Smolt

Particular attention is directed toward the following:

1. Dewatering facilities, including the screens being free of holes or gaps, and the screen cleaner brush system.
2. All valves and auxiliary water systems.
3. Flushing water valves and their perforated plates.

4. All gates, including the crest, tainter, switch, and rotating gates.
5. Fish and debris separator, including perforated plates and the adult passage chamber.
6. Pit tag detectors.
7. All sampling building systems, including holding tanks, valves, and conduits.
8. Dewater the Primary Dewatering Structure to remove adult fish that have accumulated in the structure, as determined by the project biologist. This should be performed during daylight hours only when the water temperature is below 70 degrees F. Do not dewater facility if water temperature is 70° F or greater. The number of adult salmonids, by species, shall be reported in the subsequent Weekly Fish Status Report.
9. The smolt monitoring facility (SMF) will be monitored on a 24 hours per day, 7 days per week 4/1 – 9/15 basis by the project fish personnel to ensure its proper functioning and provide quick response to an emergency. Inspect every 2 hours. Therefore, the system will be fully staffed while the SMF is in operation (i.e., crest gate is deployed and the secondary dewatering structure is receiving fish-laden flow).
10. Cycle Primary Dewatering Screen (PDS) sweepers twice per shift (6 per day) during low to normal debris loads. If debris loads increase, increase frequency of screen sweeper cycling as determined by the project biologist through inspections.
11. A person on duty will perform a walking inspection of the entire SMF system every two hours to ensure safe passage conditions.
12. Particular attention will be paid to the fish/debris separator (FDS) that needs to be visually inspected every 30 minutes to prevent injury and/or mortality to passing fish.
13. During any high debris loading periods (likely during spring run off) additional personnel may be required to keep the Fish/Debris Separator (FDS) free of any obstruction to fish passage. The project biologist will decide to assign a person to remove debris from the FDS on a shift basis (possible constant, 24 hours/day presence) for as long as it is necessary to assure the safety of passing fish.
14. For adult fish removal from the PDS area when river temperatures reach 70°F or greater, all fish handling will be coordinated through FPOM.

2.4.1.3. December 1 through March 31 (Winter Maintenance Period).

- a. Screens (STS, ESBS) will remain in place through December 15 to prevent adult

salmonids from falling back through turbine units, thereby shortening some aspects of the winter maintenance period by two weeks. To reduce adult fallback mortality, the juvenile bypass system, or JBS channel will operate from November 30 through December 15. Priority units will be left screened during this period to the extent practicable (barring operational failure), and screens from non-priority units will only be removed when necessary to begin maintenance. If units are required for operation during this period, and are unscreened, they will be operated on a last on/first off basis. After December 15, all STSs may be removed.

b. Dewater DSM channel only when required for inspection, maintenance, or structural modifications (see **section 5. Dewatering Plans**; also, paragraph **3.2.1.2. Juvenile Bypass System**). The outage period will be minimized to the extent practicable.

c. All units are available to meet power demands.

2.5. Adult Fish Passage Facilities.

Deleted: ¶
d. Inspect facilities once per day. ¶

2.5.1. Operating Criteria.

2.5.1.1. December 1 through February (Winter Maintenance Period).

a. Inspect and calibrate all staff gages, water level sensors, and indicators. Repair and/or clean where necessary.

b. Dewater and inspect repair as needed all ladders and all other dewatered sections of fish facilities for projections, debris, or plugged orifices which could injure fish, or slow their progress up the ladder.

c. Inspect for and, when necessary, clear debris in ladder exits.

d. Reinstall picket leads at counting stations prior to watering up ladders during maintenance.

e. Repair or, when necessary, upgrade netting and padding at top of north fish ladders to address the fish jumping problem in this area.

2.5.1.2. March 1 through November 30 (Fish Passage Season).

Deleted: ¶
f. The results of all inspections and the readiness of the facility for operation will be reported at the FPOM meeting immediately prior to the fish passage season.¶

a. All Adult Facilities.

1. Water depth over fish ladder weirs: 1' +/-0.1'. When shad numbers exceed 5000 fish per day per count station, water depth should be increased to 1.3' +/- 0.1'.

2. Measure water temperatures at the count stations of each ladder and **include** the weekly means in the status report. When water temperature reaches 70° F all fish handling activities will be coordinated with the Regional fish agencies through

Deleted: enter

FPOM prior to any action to verify protocols that will be followed.

3. Head on all entrances: 1' to 2' (1.5' optimum). Refer to paragraph 3.3.1. when unable to achieve head criteria.
4. A water velocity of 1.5' to 4 fps per second (2 fps optimum) shall be maintained in all channels and the lower ends of the fish ladders that are below the tailwater. Floating orifice gates 1, 2, 18, and 19 open and operate three fish pumps to maintain fishway criteria. The entrance gate should remain at 8' depth submergence or greater to be in criteria.
5. Maximum of 0.5' head on attraction water intakes and trash racks at all the ladder exits, with a 0.3' maximum head on all picket leads. Debris shall be removed when significant amounts accumulate.
6. Staff gages and water level indicators will be readable at all water levels encountered during the fish passage period, and calibration checked weekly. Recalibrate ASAP if out of calibration.
7. Main entrance weir depths: 8' or greater below tailwater. Maintain tailwater elevation greater than 158' msl to stay within criteria operation range for the entrance weirs.
8. Count station crowders shall be at maximum width that allows count or video tape accuracy. The minimum count slot width shall be no less than 18 inches. If passage is impaired by narrow count slot conditions, the count slot will be widened until proper passage conditions are achieved, despite count accuracy. Project biologists, FFU, and WDFW fish counters shall coordinate to achieve optimum count slot passage and/or count accuracy conditions. If counting is temporarily discontinued due to unscheduled events, the crowder shall be fully opened. The crowder shall remain in operating position during the counters' hourly ten minute break periods.

b. North Fishway.

1. Operate one entrance weir (EW-1) at 8' or greater weir depth. Entrance head: 1' to 2' (1.5' optimum). Testing will be conducted to determine if the use of one entrance at greater than 8' depth allows better passage conditions. (Study plan will be developed through the AFEP Studies Review Work Group.)
2. Starting September 1, spill from Bay 2 (1 stop or 1.5K) for adult attraction during daylight hours through November.
3. Maintain netting and padding for the North fishway to address the adult salmonid jumping problem. All holes in the netting large enough to catch or allow escapement of an adult salmonid must be closed.

Deleted: ¶

9. Inspect facilities two times each day. ¶

c. **South Fishway.** Operate entrance weir SE-1.

d. **Powerhouse.**

1. Operate entrances NE-1 and NE-2.
2. Operate four powerhouse floating orifices (1, 2, 18, and 19) and open associated auxiliary water diffusers. (See also **2.5.1.2.a.4.**).
3. From 0400 to 2000 hours, operate unit 1 near 100 megawatts (+/- 10 MW) to facilitate best entrance conditions. If additional load is required by BPA, unit 1 may be operated at above 100MW, but it should be the last to be brought up to full load when demand increases and the first to drop off when demand decreases. (See also Load Shaping Guidelines, **Appendix C**).

2.5.1.3. December 16 through February (Winter Maintenance Period).

a. Operate according to fish passage season standards, except facilities may be dewatered or operated out of criteria for maintenance or repair. Outage periods will be minimized to the extent practicable.

Deleted: a. Adult Fish Facilities, ¶

Deleted: 1

b. Only one of the two adult fish passage facilities may be out of service at a time. The other facility must be operated at full passage season criteria unless specially coordinated with the Regional fish agencies through FPOM. However, operation of unit 2 may be substituted for unit 1 without special coordination when the south fishway is in service.

Deleted: 2

c. Pull picket leads at counting stations and have crowdiers adjusted such that the counting slots are fully opened at the end of the counting season (this will be done shortly after adult fish counting ends).

Deleted: 3

d. Maximum of 0.5' head on attraction water intakes and trash racks at all ladder exits. Debris shall be removed when significant amounts accumulate.

Deleted: 4

Deleted: ¶
5. Inspect the operating facilities once per day.¶

3. Facility Monitoring and Reporting.

Deleted:

3.1. Inspections.

Formatted: Font: 12 pt

Formatted: Font: 12 pt

3.1.1. The results of all inspections and the readiness of the facilities for operation will be reported to the FPOM at the meeting immediately prior to the fish passage season.

Formatted: Font: Not Bold

Formatted: Font: 12 pt

3.1.2. During fish passage season, fish passage facilities will be inspected at least twice per day/seven days a week to assure operation according to established criteria.

Formatted: Font: Not Bold

Formatted: Font: 12 pt

Formatted: Font: 12 pt

3.1.3. During winter maintenance season, fish passage facilities will be inspected once per day/at seven days a week.

Formatted: Font: Not Bold

Formatted: Font: 12 pt

Formatted: Font: 12 pt

3.1.4. More frequent inspections of some facility components will occur as noted throughout the text.

Formatted: Font: 12 pt

Formatted: Font: Not Bold

Formatted: Font: 12 pt

Formatted: Font: 12 pt

3.2. Zebra Mussel Monitoring. A zebra mussel monitoring program will continue. These organisms have become a serious problem elsewhere in the country and may become introduced into the Columbia River basin. Inspections should also be made when dewatering all project facilities.

3.3. Reporting.

Formatted: Font: 12 pt

3.3.1. Project biologists shall prepare weekly reports throughout the year summarizing project operations. The weekly reports will provide an overview of how the project and the fish passage facilities operated during the week and an evaluation of resulting fish passage conditions. The reports shall include:

Formatted: Font: 12 pt

a. any out-of-criteria situations observed and subsequent corrective actions taken;

Formatted: Font: 12 pt

b. any equipment malfunctions, breakdowns, or damage along with a summary of resulting repair activities;

Formatted: Font: 12 pt

c. adult fishway control calibrations;

Formatted: Font: 12 pt

d. STS and VBS inspections;

Formatted: Font: 12 pt

e. AWS closures (i.e. cleaning times);

Formatted: Font: 12 pt

g. any unusual activities which occurred at the project which may affect fish passage.

Formatted: Font: 12 pt

3.3.2. The weekly reports shall cover a Sunday through Saturday period and they shall be e-mailed to CENWP-OD and other interested parties as soon as possible the following week, with a copy to RCC.

Formatted: Font: Not Bold

Formatted: Font: 12 pt

3.3.3. The project biologists shall prepare a memo for the record for any negative impact to fish or fishways. This memo will be sent to FPOM by the next working day. Items that shall be included in the memo are:

Formatted: Font: 12 pt

a. Time and date.

Formatted: Font: 12 pt

b. Nature of activity that lead to fish impact.

Formatted: Font: 12 pt

c. Agency responsible for the impact, or the reportee if no responsible party can be identified.

Formatted: Font: 12 pt

d. Fish numbers, species, origin, discernible external injuries, tags, etc.

Formatted: Font: 12 pt

e. Future actions to avoid a similar impact.

Formatted: Font: 12 pt

f. Any relevant photos.

Formatted: Font: 12 pt

3.3.4. The project biologists shall prepare an annual report by January 31, summarizing the operation of the project fish passage facilities for the previous year.

Formatted: Font: Not Bold

Formatted: Font: 12 pt

a. The report will cover from the beginning of one adult fish facility winter maintenance period to the beginning of the next.

Formatted: Font: Not Bold

Formatted: Font: 12 pt

b. The annual report also will include a description of all actions taken to discourage avian predation at the project, with an overview of the effectiveness of the activities in discouraging avian predation.

Formatted: Font: Not Bold

Formatted: Font: 12 pt

c. The annual report will be provided to CENWP-OD in time for distribution to FPOM members at the February meeting.

Formatted: Font: Not Bold

Formatted: Font: 12 pt

4. Fish Facilities Maintenance.

4.1. General.

4.1.1. Routine Maintenance. Scheduled fishway maintenance, to the extent practicable, will be conducted during periods when passage has been documented to be at its lowest to minimize impacts to migrating salmonids. Maintenance activities that occur during the fish passage period, and that may affect fish passage, will be reported in the weekly reports (**section 3.3**).

4.1.1.1. Staff gages will be installed, cleaned, and/or repaired as required.

4.2. Juvenile Fish Passage Facilities.

4.2.1. Routine Maintenance.

4.2.1.1. Submersible Traveling Screens. The STS system may receive preventive maintenance or repair at any time during the year as necessary. Most maintenance will occur during the winter maintenance period when all STSs may be removed from the intakes. During the designated juvenile passage season, a turbine unit cannot operate without a full compliment of functioning STSs.

4.2.1.2. Juvenile Bypass System. The juvenile bypass facilities may receive preventive maintenance at any time of the year as deemed necessary in coordination with FPOM. During the juvenile fish passage season, this will normally be above water work, such as maintenance of automatic systems, air lines, electrical systems, and monitoring equipment. During the winter maintenance period, the system is dewatered. The system is visually inspected in all accessible areas for damaged equipment and areas that may cause potential problems to juvenile fish. Identified problems will be repaired by project maintenance or the contractor as soon as possible. Extended repair projects will be coordinated through FPOM.

4.2.1.3. Turbines and Spillway. Maintenance and routine repair of project turbines and spillways is a regular and recurring process which requires that units be shut down for extended periods of time (see **section 5**. Dewatering Plans.) Maintenance schedules for these turbines and spillways will be coordinated through FPOM. Certain turbine and spillway discharges at the projects are secondarily used to attract adult fish near fishway entrances to keep predator fish from accumulating in the area of juvenile release sites and to move juveniles downstream away

Deleted: 2.6. Facility Monitoring and Reporting. Project staff shall inspect fish passage facilities at the frequencies listed in the juvenile and adult fish facilities operating criteria sections.

Additional fishway inspections may be performed by FFU and/or fish agencies. Project biologists shall prepare weekly reports, throughout the year, summarizing project operations. The weekly reports will provide an overview of how the project and the fish passage facilities operated during the week and an evaluation of resulting fish passage conditions. The reports shall include: any out of criteria situations observed and subsequent corrective actions taken; any equipment malfunctions, breakdowns, or damage along with a summary of resulting repair activities; adult fishway control calibrations; STS and VBS inspections; and any usual activities which occurred at the project which may affect fish passage. The weekly reports shall cover a Sunday through Saturday time period and shall be sent to CENWP-OD as soon as possible the following week via electronic mail, with a copy to RCC, Attention: Fish Team. The project biologist shall prepare an annual report by January 31 summarizing the operation of the project fish passage facilities for the previous year. The report will cover from the beginning of an adult fish facilities winter maintenance season to the beginning of the next winter maintenance season. The annual report will be provided to CENWP-OD in time for distribution to FPOM members at the February meeting. Project biologist will report events such as fish kills or major equipment failure when required, within the next business day.¶

Formatted: Font: Bold

Deleted: 2.6

Formatted: Font: Not Bold

from the project. The maintenance schedules for these turbines and spillways will reflect equal weight given to fish, power, and water management and will be coordinated with the appropriate fish agencies. Units that should not be scheduled for maintenance during the fish passage season are 1, 2, and 5. Some types of turbine maintenance will require testing turbine operation throughout the full operating range before returning it to normal service.

4.2.2. Non-Routine Maintenance. Non-routine maintenance of facilities will be carried out as described below. Activities that will have a significant impact on juvenile fish passage shall be coordinated through FPOM on a case-by-case basis by project and CENWP-OD biologists. The CENWP-OD biologists will be notified as soon as possible after it becomes apparent that maintenance repairs are required. The Project Operations Manager has the authority to initiate work prior to notifying CENWP-OD when delay of the work will result in an unsafe situation for people, property, or fish. Information required by CENWP-OD includes:

- a. Description of the problem.
- b. Type of outage required.
- c. Impact on facility operation.
- d. Length of time for repairs.
- e. Expected impacts on fish passage.

4.2.2.1. Submersible Traveling Screens. If an STS or VBS is damaged or inoperative in an operating unit, the unit will be regarded as an unscreened unit. The screen will be repaired or replaced before returning the unit to service.

4.2.2.2. Juvenile Bypass System.

- a. The juvenile bypass system is automatically controlled. If the automatic system fails, it will be operated manually until automation repairs are made. If the orifices become plugged with debris, the turbine will not be operated until it has been cleaned.
- b. Inspect all STS gatewells daily. The project will clean gatewells before the water surface becomes one half covered with debris. If, due to the volume of debris, it is not possible to keep the gatewell surfaces at least half clear, they will be cleaned at least daily. Turbines with a gatewell fully covered with debris will not be operated except on a last on/first off basis if required to be in compliance with other coordinated fish measures. The gatewell orifices must be closed during the cleaning process. Juvenile mortality numbers will be monitored in all gatewells, as potential indicators of gatewell environment problems. Mortality estimates will be recorded and reported in the weekly status reports.
- c. If the bypass system fails in the powerhouse conduit, tainter gate, or transportation outfall making the system unsafe for fish, an action decision will be made in coordination with the FPOM. During this emergency operating mode, power generation will be minimized to the extent practicable. If this operating mode is expected to last longer than four days, then all units required for generation will be sequentially shut down, fish

salvaged from the gatewells, the STSs removed, and the unit restarted. The orifice gates will be closed during this process.

d. During fishway inspection activities, VBSs may be found plugged with debris, damaged or not properly seated. In these cases, the associated unit will be regarded as if unscreened and repairs will be made before returning the unit to operation.

4.2.2.3. Turbines and Spillways.

a. If a spill gate becomes inoperable, the operators will make the changes necessary to accommodate the spill and then immediately notify the operations supervisor and project biologist to determine the best pattern to follow until repairs can be made. This interim operation shall be coordinated with the FPOM through the district biologist who will provide additional guidance to the project.

b. Unit 2 will replace unit 1 for adult attraction whenever unit 1 is not operating.

4.3. Adult Passage Facilities.

4.3.1. **Routine Maintenance.** Maintenance activities that occur during the fish passage period and that may affect fish passage will be reported in the weekly reports (**section 3.0**).

Deleted: 2.6

4.3.1.1. **Fishway Auxiliary Water Systems.** John Day Dam has tailwater pump auxiliary water systems. Preventive maintenance and normal repair are carried out throughout the year. Trash racks for the AWS intakes will be raked when drawdown exceeds criteria. When practicable, rake trash racks during the time of day when fish passage is least affected.

During the annual navigation lock maintenance outage, the north fish ladder auxiliary water is shut off for about half a day. This is required to allow divers to clean off the navigation lock discharge sill so that a bulkhead can be placed.

4.3.1.2. **Powerhouse and Spillway Fish Collection Systems.** Preventive maintenance and repair occurs throughout the year as needed. During the adult fish passage season, this maintenance will not involve operation that will cause failure to comply with the adult fishway criteria, unless coordinated through FPOM. During the winter maintenance period, an inspection will occur through dewatering or divers per discretion of the project biologists. One additional underwater diver/ROV will occur during August 1 - 15. Timing of this inspection will be coordinated through FPOM. The project biologist or alternate Corps fish personnel will attend all dewatering and inspection activities potentially involving fish (see **section 5**. Dewatering Plans).

4.3.1.3. **Adult Fish Ladders and Counting Stations.** The adult fish ladders will be dewatered once each year during the winter maintenance period. Unless specially coordinated, only one ladder will be dewatered at a time, with the other ladder capable operating within criteria. During this time the ladders are inspected for necessary maintenance needs and potential fish passage problems. These include blocked orifices, projections into the fishway that may injure

fish, unstable weirs, damaged picket leads, exit gate problems, loose diffuser gratings, unreadable or damaged staff gauges, defective diffuser valves, and malfunctioning equipment at the counting stations. Potential problems identified throughout the passage year that do not impact fish passage, as well as those identified during the dewatered period, are then repaired. Trash racks at the ladder exits will be raked when criteria are exceeded. When practicable, rake trash racks during the time of day when fish passage would be least affected. Fish count station windows, light panels, and crowder panels will be cleaned, as needed, to achieve accurate counts and, when practicable, during the time of day when fish passage is least affected. North netting installed on the ladders to prevent fish leaping will be inspected daily and maintained when necessary. Summaries of inspections will be included in the weekly activity report.

4.3.2. Non-Routine Maintenance. Maintenance activities that occur during the fish passage period and that may affect fish passage will be reported in the weekly reports (section 2.6.). Non-routine maintenance that will significantly affect the operation of a facility, such as repair of displaced diffuser gratings, will be coordinated through FPOM. Coordination procedures for non-routine maintenance of adult facilities are the same as for juvenile facilities (section 3.2.2).

4.3.2.1. Fishway Auxiliary Water Systems. The fishway auxiliary water systems are mostly automated. If the automatic system fails, the system will be operated manually by project personnel. This will allow the fish facility to operate according to criteria while the automatic system is repaired. When this operation becomes necessary, project personnel will increase the surveillance of the adult system to ensure that criteria are being met. The FPOM will work with the project to determine the best operation in the event of an AWS failure during the adult passage season.

a. South Ladder. If one of the three auxiliary water turbines fails, assuming all three turbines are being used to meet criteria, the output of the two remaining turbines will be increased to meet adult fishway criteria. If a second turbine unit fails, the adult fish facility will be operated as follows until a fishway head of 1' is achieved.

1. Increase discharge of the remaining unit to maximum capacity.
2. Close NE-1.
3. Leave NE-2 at a depth of 8'.
4. Close the remaining floating submerged orifice gate entrances starting at the north end.
5. Leave the south powerhouse entrance weir (SE-1) at 8' depth below the tailwater surface.
6. If the above criteria are still not achieved, then reduce entrance weirs in depth to 6', or then to 4' if necessary, until more auxiliary water becomes available. Then reverse the above procedure.

If all three turbine units fail, operate as follows until repairs can be made:

1. SE-1 will be open with the weir crest 6' below the tailwater surface.
2. Close NE1 and NE2.
3. Cross channel bulkheads will be placed in the powerhouse collection channel between units 2 and 3.
4. The floating orifice gate in front of unit 2 will be closed, leaving the floating orifice gate in front of unit 1 open. (See also **2.5.1.2.a.4.**)

b. North Ladder. This system cannot operate according to the adult fishway criteria under any conditions due to design limitations. Three of the six available pumps can be operated simultaneously. If one pump fails, one of the standby pumps will be started. This routine will be followed until the available pumps can no longer meet the adult fishway criteria. If this occurs, EW1 will be set at the maximum weir depth needed to maintain fishway criteria. Present design capability: 2 pumps with tailwater <160 msl; 3 pumps with tailwater >160 msl.

4.3.2.2. Powerhouse and Spillway Fish Collection Systems. John Day Dam contains several types of fishway entrances. In most cases, if failures occur, the entrance can be operated manually by project personnel until repairs are made. When this operation becomes necessary, project personnel will increase the surveillance of the adult system to ensure criteria are being met. In those cases in which the failure will not allow the entrance to be operated manually, the gate will be maintained, to the extent possible, in an operational position. If this is not possible, the entrance will be repaired expediently and the entrance will be returned to manual or automatic control at the earliest possible date.

4.3.2.3. Adult Fish Ladders and Counting Stations. Pickets with excessive spacing (greater than 1"), erosion of concrete around the picket leads, or missing pickets can allow fish into areas where escape is not possible. The north count station upstream picket leads have an exit hatch that can be opened to allow fish to escape. Repair will be required for picket lead failure at the south count station. In the instances of picket lead failure or concrete erosion, the timing and method of repair will depend upon the severity of the problem. The decision of whether or not to dewater the fishway and repair any problem will be made in coordination with the FPOM.

4.3.2.4. Diffuser Gratings. Diffuser chambers for adding auxiliary water to fish ladders and collection channels are covered by gratings attached by several different methods. Diffuser gratings are normally inspected during the winter maintenance period to assure integrity. These inspections are done by either dewatering the fishway and/or collection channel, or by using video cameras and divers or other methods to inspect the gratings underwater. Diffuser gratings may come loose during the fish passage season due to a variety of reasons. Daily inspections of the fish ladders and collection systems should include looking for any flow changes that may indicate problems with diffuser gratings. If a diffuser grating is known to or suspected of having moved, creating an opening into a diffuser chamber, efforts must immediately be taken to correct

the situation and minimize impacts on adult fish in the fishway. If possible, a video inspection should be made as soon as possible to determine the extent of the problem. If diffusers gratings are found to be missing or displaced, close associated diffuser, a method of repair shall be developed and coordinated with FPOM. Repairs shall be made as quickly as possible.

5. Turbine Unit Operation and Maintenance.

Unit operating priority is shown in **Table JDA-5**, including that time when synchronous condensing occurs. Unit maintenance schedules will be reviewed by project and district biologists for fish impacts.

Deleted: ¶

Table JDA-5. Turbine unit operating priority for John Day Dam.

Season	Time of Day	Unit Operating Priority
March 1 through November	24 hours/day	5, 1, 2, 3, then 4 and 6-16 in any order.
	0600-2000 hrs	5, then unpaired units in any order
December 1 through February	2000-0600 hrs	5; then any unit

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted Table

5.1. Guidelines for operating units within the 1% turbine efficiency range at various heads are shown in **Tables JDA-6 to JDA-8**. To the extent technically feasible, turbines will be operated within +/- 1% of best turbine efficiency, unless operation outside of that range is necessary to meet load requirements of the BPA administrator, consistent with the BPA System Load Shaping Guidelines (**Appendix C**), or to comply with other coordinated fish measures. The System Load Shaping Guidelines apply between April 1 and October 31. However, during the rest of the year, the project will continue to operate units within the 1% turbine efficiency range, except as specifically requested by BPA for power production.

5.2. Juvenile fish passage decreases through units from south to north, making inefficient operation of unit 16 least likely to impact fish. Based on this, if it is necessary to select turbines to operate outside the 1% efficiency range, they will be selected in sequence from north to south. However, allowance will also be given to special project requirements for stable voltage control which require load distribution between transformer banks

Formatted: Font: 12 pt

Formatted: Widow/Orphan control

6. Dewatering Plans. Guidelines for dewatering and fish handling plans (**Appendix F**) have been developed and are followed for dewatering project facilities. These plans include consideration for fish safety and are consistent with the following general guidance. The appropriate plans are reviewed by participants before each salvage operation. The project fish biologist and/or alternate Corps fish personnel will attend all project activities involving fish handling. The fish agencies and tribes will be encouraged to participate in all ladder dewaterings. During the pumping or draining operation to dewater a portion or all, the water level will not be allowed to drop so low it strands fish. Personnel shall remain present onsite during pumping operations to ensure stranding does not occur or a water level sensor that deactivates the dewatering process will be used.

Formatted: Font: 12 pt

Deleted: .¶

Formatted: Font: 12 pt, Bold

Formatted: Font: 12 pt, Bold

Formatted: Font: 12 pt, Italic

Deleted: ¶

¶

Formatted: Font: Not Bold

Formatted: Font: 12 pt

Formatted: Font: 12 pt, Not Bold

Formatted: Font: 12 pt

6.1. Adult Fish Ladders.

6.1.1. Routine Maintenance.

6.1.1.1. When possible, operate ladders to be dewatered at orifice flow, with the AWS off, for at least 24 hours, but not more than 96 hours prior to dewatering.

6.1.1.2. The project biologist will assure that fish rescue equipment is available, and will coordinate to ensure adequate numbers of personnel will be available to move fish out of the dewatered ladder.

6.1.1.3. Project personnel will install head gates to shut down ladder flow. Where possible, a flushing flow of 1-2" will be maintained in the ladder until fish are rescued.

6.1.1.4. The project biologist or alternate Corps fish personnel will oversee fish rescue when the ladders are dewatered. The project biologist will invite fish agency and/or tribal biologists to participate in the dewatering activities. Captured fish will then be transported to the forebay or tailwater, depending on the fish life stage (adults to forebay, juveniles to tailrace), for release. If a ladder is dewatered in the spring or summer, steelhead kelts should be released into the tailrace.

6.1.1.5. Orifice blocking devices, which are placed in the lower-most weirs to prevent fish from re-ascending the dewatered portion of the adult fishway, shall have ropes attached to them by project operations and be tied off to fishway railings. The blocking devices shall be removed just before the fishway is returned to service. These devices will be noted on the pre-water-up checklist maintained by project fish biologists. This will prevent the orifice blocks from being unintentionally left in place following fishway water-up.

6.2. Non-Routine Maintenance.

6.2.1. When possible, discontinue auxiliary water and operate ladder at reduced flow as long as possible up to 72 hours prior to dewatering.

Formatted: Font: Not Bold

6.2.2. Follow guidance in paragraphs 6.4.1.3. through 6.4.1.6.

Formatted: Font: Not Bold

Formatted: Font: Bold

Formatted: Font: Bold

6.3. Powerhouse Fish Collection System.

6.3.1. Routine Maintenance. During the pumping or draining operation to dewater a portion or the entire collection channel, the water will not be allowed to drop to a level which strands fish. Personnel shall remain present onsite during pumping operations to ensure that stranding does not occur. The project biologist will assure that all necessary rescue equipment is available. The project biologist or alternate Corps fish personnel will provide technical guidance on fish safety and will assist directly in rescue operations.

6.4. Juvenile Bypass System.

6.4.1. Routine Maintenance. It is normal practice, when draining the juvenile bypass channel, to flush the channel with only the bypass orifices in bay 16 open. Bay 16 gatewells will be dipped in advance to minimize the number of fish contained in this flushing water during fish

passage season.

Deleted: ¶

Table JDA-6. Turbine units with standard-length submersible traveling screens installed.

Deleted: -----Page Break-----

Head (Feet)	Lower Generator Limits		Upper Generator Limits	
	MW	CFS	MW	CFS
80	65.4	11,338	118.0	20,472
81	66.7	11,416	120.8	20,671
82	68.1	11,492	123.6	20,864
83	69.4	11,566	126.4	21,052
84	70.8	11,638	129.1	21,234
85	72.1	11,707	131.9	21,411
86	72.9	11,692	134.7	21,593
87	73.7	11,676	137.5	21,770
88	74.5	11,661	140.2	21,942
89	75.3	11,646	143.0	22,110
90	76.1	11,632	145.8	22,274
91	77.0	11,622	146.9	22,164
92	77.9	11,613	148.0	22,057
93	78.8	11,604	149.1	21,951
94	79.7	11,595	150.2	21,848
95	80.6	11,585	151.3	21,746
96	81.7	11,604	151.6	21,532
97	82.8	11,623	151.8	21,323
98	83.8	11,640	152.1	21,118
99	84.9	11,657	152.4	20,917
100	86.0	11,674	152.7	20,720
101	86.9	11,675	154.9	20,800
102	87.9	11,677	155.2	20,613
103	88.8	11,678	155.2	20,378
104	89.7	11,679	155.2	20,149
105	90.6	11,680	155.2	19,923
106	91.4	11,658	155.2	19,711
107	92.1	11,637	155.2	19,503
108	92.8	11,615	155.2	19,299
109	93.6	11,594	155.2	19,098
110	94.3	11,574	155.2	18,901

Deleted: ¶

Deleted: ¶

Formatted: Font: 11 pt

Formatted Table

Deleted: ¶

NOTE: The turbine efficiency table was revised to reflect information using a 2001 Unit 9 NS index test and a 1962 model test with STS adjustment Factor (Table JDA- 6 revised, 2005). Table prepared by HDC dated November 2002.

Table JDA-7. Turbine units with extended-length submersible bar screens installed.

Head (Feet)	Lower Generator Limits		Upper Generator Limits	
	MW	CFS	MW	CFS
85	69.6	11,396	111.5	18,269
86	70.3	11,381	113.7	18,402
87	71.1	11,366	115.9	18,531
88	71.9	11,351	118.1	18,657
89	72.6	11,336	120.3	18,779
90	73.4	11,322	122.5	18,898
91	74.3	11,313	122.9	18,717
92	75.1	11,304	123.2	18,540
93	76.0	11,295	123.6	18,367
94	76.9	11,285	123.9	18,197
95	77.7	11,276	124.3	18,031
96	78.8	11,294	124.4	17,841
97	79.8	11,312	124.6	17,654
98	80.9	11,329	124.7	17,472
99	81.9	11,346	124.8	17,293
100	82.9	11,361	125.0	17,117
101	83.8	11,363	126.6	17,163
102	84.7	11,364	128.3	17,207
103	85.6	11,365	129.9	17,250
104	86.5	11,367	131.6	17,293
105	87.4	11,367	133.2	17,334

Formatted: Font: 11 pt

Formatted Table

Deleted:

NOTE: The turbine efficiency tables are being revised to reflect new information for John Day Dam. This table is based on data from Little Goose Dam (LGS-5).

Table JDA-8. Turbine units without screens:

Head(Feet)	Lower Generator Limits		Upper Generator Limits	
	MW	CFS	MW	CFS
80	71.7	12,305	122.8	21,074
81	73.2	12,391	125.7	21,290
82	74.7	12,473	128.7	21,500
83	76.1	12,554	131.6	21,703
84	77.6	12,631	134.6	21,901
85	79.1	12,707	137.5	22,093
86	80.0	12,690	140.1	22,223
87	80.9	12,674	142.6	22,349
88	81.7	12,657	145.1	22,471
89	82.6	12,641	147.6	22,591
90	83.5	12,625	150.2	22,707
91	84.5	12,616	151.7	22,656
92	85.5	12,606	153.2	22,606
93	86.4	12,596	154.8	22,556
94	87.4	12,586	155.1	22,321
95	88.4	12,576	155.2	22,062
96	89.6	12,597	155.2	21,797
97	90.8	12,617	155.2	21,538
98	92.0	12,636	155.2	21,284
99	93.1	12,655	155.2	21,035
100	94.3	12,673	155.2	20,792
101	95.3	12,675	155.2	20,554
102	96.4	12,676	155.2	20,321
103	97.4	12,678	155.2	20,092
104	98.4	12,679	155.2	19,868
105	99.4	12,680	155.2	19,649
106	100.2	12,656	155.2	19,442
107	101.0	12,633	155.2	19,239
108	101.8	12,610	155.2	19,040
109	102.6	12,587	155.2	18,845
110	103.5	12,565	155.2	18,653

NOTE: The turbine efficiency table was revised to reflect information using a 2001 Unit 9 NS index test and a 1962 model test (Table JDA- 8 revised, 2006). Table prepared by HDC dated November 2002.

6.5. Turbines.

6.5.1. Immediately before setting the headgates, spin the unit to move fish out of the draft tube.

6.5.2. If the turbine unit draft tube is to be dewatered and the turbine unit has been idle for any length of time, it will be briefly operated when possible, at speed/no load, and stop logs will then be placed immediately.

6.5.3. If a turbine unit is idle and partially dewatered, and tail logs are to be put into

Deleted: ¶

Formatted: Font: 11 pt

Deleted: ¶

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted Table

Deleted: ¶

Deleted: Page Break

5.1.1.5. Orifice blocking devices, which are placed in the lower-most weirs to prevent fish from re-ascending the dewatered portion of the adult fishway, shall have ropes attached to them by project operations and be tied off to fishway railings. The blocking devices shall be removed just before the fishway is returned to service. These devices will be noted on the pre-water-up checklist maintained by project fish biologists. This will prevent the orifice blocks from being unintentionally left in place following fishway water-up.¶

5.2. Non-Routine Maintenance.¶

5.2.1. When possible, discontinue auxiliary water and operate ladder at reduced flow as long as possible up to 72 hours prior to dewatering.¶

5.2.2. Follow guidance in paragraphs **5.4.1.3.** through **5.4.1.6.** ¶

5.3. Powerhouse Fish Collection System.¶

5.3.1. Routine Maintenance. During the pumping or draining operation to dewater a portion or all of the collection channel, the water will not be allowed to drop to a level which strands fish. Personnel shall remain present onsite during pumping operations to ensure that stranding does not occur. The project biologist will assure that all necessary rescue equipment is available. The project biologist or alternate Corps fish personnel will provide technical guidance on fish safety and will assist directly in rescue operations.¶

5.4. Juvenile Bypass System.¶

5.4.1. Routine Maintenance. It is normal practice, when draining the juvenile bypass channel, to flush the channel with only the bypass orifices in bay 16 open. Bay 16 gatewells will be dipped in advance to minimize the number of fish contained in this flushing water during fish passage season.¶

Deleted: Remove juvenile fish from the gatewell(s) that will be drained. This is done by use of a special dipping basket.

place, an adequate safety pool may be maintained for up to 4 days to accommodate fish trapped in the draft tube. If longer timeframes are needed for the safety pool, project fisheries will coordinate with FPOM on a case-by-case basis. Adequate inspections will need to be conducted to ensure that the safety pool is maintained and fish are in good condition. Water levels in the draft tube will not be allowed to drop to a level that strands fish.

6.5.4. Fish rescue personnel will inspect dewatered turbine draft tubes, scroll cases, and intakes as soon as they can gain access and the water levels reach a depth permitting visual inspection. The project biologist or alternative fish personnel will provide technical guidance on fish safety and will directly participate in fish salvage.

6.5.5. The project biologist will assure that all necessary rescue equipment is available.

7. Forebay Debris Removal.

7.1. Debris at projects can impact fish passage conditions. It can plug or block trash racks, VBSs, gatewell orifices, dewatering screens, separators, and facility piping resulting in impingement, injuries, and descaling of fish. Removing debris at its source in the forebay is sometimes necessary to maintain safe and efficient fish passage conditions, navigation, and other project activities. In this case, the only viable alternative is to spill to pass the debris.

7.2. Special spill operations that don't follow the normal spill schedule or volume limits will be coordinated prior to their execution. Normally, the project shall contact CENWP-OD at least two workdays prior to the day the special operation is required. Using information provided by the project, CENWP-OD will coordinate with FPOM and with RCC, as necessary. Once the coordination is complete, RCC will issue a teletype detailing the special operations.

8. Response to Hazardous Materials Spills. John Day Project's guidance for responding to hazardous substance spills is contained in its Emergency Spill Response Plan. This guidance will be followed in case of a spill.

8.1. Project Fisheries will be contacted as soon as possible after a hazardous material release and prior to any modification to fishway operations. The project biologist will in turn contact the CENWP-OD biologist and FPOM. Attempts should be made to first contact the project biologist on duty. During fish passage season there is a project biologist on duty seven days a week. If a project biologist cannot be reached by radio or in the office, attempts to contact Project Fisheries will occur in the following order:

1. Bob Cordie- home and mobile numbers are available in the Control Room,
2. Miro Zyndol- home and mobile numbers are available in the Control Room.

Formatted: Font: 12 pt

Formatted: Font: 12 pt

Formatted: Font: 12 pt

Deleted: .2. All special spills (other than normal spill patterns for ongoing spill operations) and project operations for passing debris will be coordinated prior to the operations taking place. Each project shall contact CENWP-OP at least two work-days prior to the day they want the special project operations for spilling to pass debris. CENWP-OP shall coordinate the special operations with the FPOM. Project personnel shall provide CENWP-OP the reason for the debris spill request including an explanation of project facilities being impacted by the debris, the date and time of the requested spill, and any special powerhouse or other operations required to move the debris to the spillway. When a debris spill is coordinated and approved, RCC shall issue a teletype detailing the specifics of the special operations.

Formatted: Font: 12 pt, Bold

Formatted: Body Text, Keep lines together

Formatted: Font: 12 pt

Formatted: Font: 12 pt

Formatted: Font: 12 pt

Formatted: Font: 12 pt, Bold

Formatted: Font: 12 pt

Formatted: Font: 12 pt, Bold

Formatted: Font: 12 pt, Not Bold

Formatted: Font: 12 pt

Formatted: Font: 12 pt, Bold

Formatted: Font: 12 pt

Formatted: Font: 12 pt, Not Bold

3. Tammy Mackey- 503-808-4305 (Portland Office).

Formatted: Font: 12 pt

Formatted: Font: 12 pt, Not Bold

Formatted: Body Text, Keep lines together

2. Endnotes.

Deleted: 7

Formatted: Font: 12 pt, Bold

Formatted: Font: 12 pt, Bold

Deleted: ¶

Formatted: Body Text, Widow/Orphan control

a. Hydroacoustic Monitoring of Downstream Migrant Juvenile Salmonids at John Day Dam in 1983. R. Magne et. al., US COE research Report. 35 pp. plus appendices.

b. Hydroacoustic Monitoring of Downstream Migrant Juvenile Salmonids at John Day Dam 1984-85. R. Magne et. al. , US COE Research Report. 29 pp. plus appendices.

c. Hydroacoustic Evaluation of Juvenile Salmonid Fish Passage at John Day Dam in Summer 1986. Sue Kuehl, BioSonics, Inc. Final Report. Prepared for US COE under Contract No. DACW57-86-C-0088. 61 pp. plus appendices.

d. Hydroacoustic Evaluation of the Spill Program for Fish Passage at John Day Dam in 1987. L. Johnson et. al., Associated Fish Biologists, Inc. Final Report prepared for US COE under Contract No. DACW57-87-C-0077. 71 pp. plus appendices.

Table JDA-9. Spill patterns for John Day Dam.

BAY NUMBER																				STOPS	Kcfs
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
0	3	2	1																	6	9.6
0	3	2	2																	7	11.2
0	3	3	2																	8	12.8
0	3	3	2	1																9	14.4
0	3	3	2	2																10	16.0
0	3	3	2	2	1															11	17.6
0	3	3	2	2	2															12	19.2
0	3	3	2	2	2	1														13	20.8
0	3	3	2	2	2	2														14	22.4
0	3	3	2	2	2	2	1													15	24.0
0	3	3	3	2	2	2	1													16	25.6
0	3	3	3	2	2	2	2													17	27.2
0	3	3	3	2	2	2	2	1												18	28.8
0	3	3	3	3	2	2	2	1												19	30.4
0	3	3	3	3	3	2	2	2												20	32.0
0	3	3	3	3	3	2	2	2												21	33.6
0	3	3	3	3	3	2	2	2	1											22	35.2
0	3	3	3	3	3	2	2	2	2											23	36.8
0	3	3	3	3	3	2	2	2	2	1										24	38.4
0	3	3	3	3	3	2	2	2	2	2										25	40.0
0	3	3	3	3	3	2	2	2	2	2	1									26	41.6
0	3	3	3	3	3	2	2	2	2	2	2									27	43.2
0	3	3	3	3	3	3	2	2	2	2	2									28	44.8
0	3	3	3	3	3	3	2	2	2	2	2	1								29	46.4
0	3	3	3	3	3	3	2	2	2	2	2	2								30	48.0
0	3	3	3	3	3	3	2	2	2	2	2	2	1							31	49.6
0	3	3	3	3	3	3	2	2	2	2	2	2	1							32	51.2
0	3	3	3	3	3	3	2	2	2	2	2	2	2							33	52.8
0	3	3	3	3	3	3	2	2	2	2	2	2	2	1						34	54.4
0	3	3	3	3	3	3	2	2	2	2	2	2	2	2						35	56.0
0	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1					36	57.6
0	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2					37	59.2
0	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1				38	60.8
0	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1				39	62.4
0	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	1				40	64.0
0	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	1				41	65.6
0	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	1				42	67.2
0	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	1				43	68.8
0	4	4	4	4	3	3	3	3	2	2	2	2	2	2	2	1				44	70.4
0	4	4	4	4	3	3	3	3	2	2	2	2	2	2	2	1				45	72.0
0	4	5	4	4	4	3	3	3	3	2	2	2	2	2	2	1				46	73.6
0	4	5	4	4	4	3	3	3	3	2	2	2	2	2	2	2				47	75.2

Table JDA-9 (cont). Spill patterns for John Day Dam.

Deleted: ¶

BAY NUMBER																				STOPS	Kcfs
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
0	4	5	4	4	4	3	3	3	3	2	2	2	2	2	2	2	1			48	76.8
0	4	5	4	4	4	3	3	3	3	3	2	2	2	2	2	2	1			49	78.4
0	4	5	4	4	4	3	3	3	3	3	3	2	2	2	2	2	1			50	80.0
0	4	5	5	4	4	3	3	3	3	3	3	2	2	2	2	2	1			51	81.6
0	4	5	5	4	4	4	3	3	3	3	3	2	2	2	2	2	1			52	83.2
0	4	5	5	4	4	4	3	3	3	3	3	3	2	2	2	2	1			53	84.8
0	4	5	5	4	4	4	3	3	3	3	3	3	3	2	2	2	1			54	86.4
0	4	5	5	4	4	4	3	3	3	3	3	3	3	3	2	2	1			55	88.0
0	4	5	5	4	4	4	3	3	3	3	3	3	3	3	3	2	1			56	89.6
0	4	5	5	4	4	4	4	3	3	3	3	3	3	3	3	2	1			57	91.2
0	4	5	5	4	4	4	4	3	3	3	3	3	3	3	3	2	1			58	92.8
0	4	5	5	5	4	4	4	3	3	3	3	3	3	3	3	2	1			59	94.4
0	4	5	5	5	4	4	4	3	3	3	3	3	3	3	3	2	2			60	96.0
0	4	5	5	5	4	4	4	4	3	3	3	3	3	3	3	2	2			61	97.6
0	4	5	5	5	4	4	4	4	4	3	3	3	3	3	3	2	2	1		62	99.2
0	4	5	5	5	4	4	4	4	4	4	3	3	3	3	3	2	2	1		63	100.8
0	4	5	5	5	4	4	4	4	4	4	3	3	3	3	3	3	2	1		64	102.4
0	4	5	5	5	4	4	4	4	4	4	4	3	3	3	3	3	2	1		65	104.0
0	4	4	4	4	3	3	4	3	4	3	3	3	3	4	3	4	3	4	3	66	105.6
0	4	4	4	4	3	3	4	3	4	3	4	3	3	4	3	4	3	4	3	67	107.2
0	4	4	4	4	4	3	4	3	4	3	4	3	3	4	3	4	3	4	3	68	108.8
0	4	4	4	4	4	3	4	3	4	3	4	3	3	4	3	4	4	4	3	69	110.4
0	4	4	4	4	4	3	4	3	4	3	4	3	3	4	4	4	4	4	3	70	112.0
0	4	4	4	4	4	3	4	3	4	3	4	3	4	4	4	4	4	4	3	71	113.6
0	4	4	4	4	4	4	4	3	4	3	4	3	4	4	4	4	4	4	3	72	115.2
0	4	4	4	4	4	4	4	4	4	3	4	3	4	4	4	4	4	4	3	73	116.8
0	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	3	74	118.4
0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	75	120.0
0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	76	121.6
0	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	77	123.2
0	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	78	124.8
0	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	79	126.4
0	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	5	4	5	4	80	128.0
0	4	5	5	4	4	4	4	4	4	4	4	4	4	5	4	5	4	5	4	81	129.6
0	4	5	5	5	4	4	4	4	4	4	4	4	4	5	4	5	4	5	4	82	131.2
0	4	5	5	5	4	4	5	4	4	4	4	4	4	5	4	5	4	5	4	83	132.8
0	4	5	5	5	4	4	5	4	5	4	4	4	4	5	4	5	4	5	4	84	134.4
0	4	5	5	5	4	4	5	4	5	4	5	4	4	5	4	5	4	5	4	85	136.0
0	4	5	5	5	5	4	5	4	5	4	5	4	4	5	4	5	4	5	4	86	137.6
0	4	5	5	5	5	4	5	4	5	4	5	4	4	5	4	5	5	5	4	87	139.2
0	4	5	5	5	5	4	5	4	5	4	5	4	4	5	5	5	5	5	4	88	140.8
0	4	5	5	5	5	5	5	4	5	4	5	4	4	5	5	5	5	5	4	89	142.4
0	4	5	5	5	5	5	5	4	5	4	5	4	5	5	5	5	5	5	4	90	144.0

Deleted: ¶

Table JDA-9 (cont). Spill patterns for John Day Dam.

BAY NUMBER																				STOPS	Kcfs	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
0	4	5	5	5	5	5	5	5	5	5	4	5	4	5	5	5	5	5	5	4	91	145.6
0	4	5	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	4	92	147.2
0	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	93	148.8
0	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	94	150.4
0	4	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	95	152.0
0	4	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	96	153.6
0	4	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	97	155.2
0	4	6	6	5	5	5	5	5	5	5	5	5	5	5	5	6	5	6	5	6	98	156.8
0	4	6	6	5	5	5	5	5	5	5	5	5	5	6	5	6	5	6	5	6	99	158.4
0	4	6	6	6	5	5	5	5	5	5	5	5	5	6	5	6	5	6	5	6	100	160.0
0	4	6	6	6	5	5	6	5	5	5	5	5	5	6	5	6	5	6	5	6	101	161.6
0	4	6	6	6	5	5	6	5	6	5	5	5	5	6	5	6	5	6	5	6	102	163.2
0	4	6	6	6	5	5	6	5	6	5	6	5	5	6	5	6	5	6	5	6	103	164.8
0	4	6	6	6	6	5	6	5	6	5	6	5	5	6	5	6	5	6	5	6	104	166.4
0	4	6	6	6	6	5	6	5	6	5	6	5	5	6	5	6	6	6	5	6	105	168.0
0	4	6	6	6	6	5	6	5	6	5	6	5	5	6	6	6	6	6	5	6	106	169.6
0	4	6	6	6	6	6	6	5	6	5	6	5	5	6	6	6	6	6	5	6	107	171.2
0	4	6	6	6	6	6	6	5	6	5	6	5	6	6	6	6	6	6	5	6	108	172.8
0	4	6	6	6	6	6	6	6	6	5	6	5	6	6	6	6	6	6	5	6	109	174.4
0	4	6	6	6	6	6	6	6	6	6	6	5	6	6	6	6	6	6	5	6	110	176.0
0	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	111	177.6
0	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	112	179.2
0	4	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	113	180.8
0	4	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	6	114	182.4
0	4	6	7	6	6	6	6	6	6	6	6	6	6	6	7	6	7	6	7	6	115	184.0
0	4	6	7	6	6	6	6	6	6	6	6	6	6	7	6	7	6	7	6	6	116	185.6
0	4	6	7	7	6	6	6	6	6	6	6	6	6	7	6	7	6	7	6	6	117	187.2
0	4	6	7	7	6	6	7	6	6	6	6	6	6	7	6	7	6	7	6	6	118	188.8
0	4	6	7	7	6	6	7	6	7	6	6	6	6	7	6	7	6	7	6	6	119	190.4
0	4	6	7	7	6	6	7	6	7	6	7	6	6	7	6	7	6	7	6	6	120	192.0
0	4	6	7	7	7	6	7	6	7	6	7	6	6	7	6	7	6	7	6	6	121	193.6
0	4	6	7	7	7	6	7	6	7	6	7	6	6	7	6	7	7	7	6	6	122	195.2
0	4	6	7	7	7	6	7	6	7	6	7	6	6	7	7	7	7	7	6	6	123	196.8
0	4	6	7	7	7	7	7	6	7	6	7	6	6	7	7	7	7	7	6	6	124	198.4
0	4	6	7	7	7	7	7	6	7	6	7	6	7	7	7	7	7	7	6	6	125	200.0
0	4	6	7	7	7	7	7	7	7	6	7	6	7	7	7	7	7	7	6	6	126	201.6
0	4	6	7	7	7	7	7	7	7	7	6	7	7	7	7	7	7	7	6	6	127	203.2
0	4	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	128	204.8
0	4	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	129	206.4
0	4	6	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	130	208.0
0	4	6	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	7	131	209.6
0	4	6	8	7	7	7	7	7	7	7	7	7	7	7	7	8	7	8	7	7	132	211.2
0	4	6	8	7	7	7	7	7	7	7	7	7	7	8	7	8	7	8	7	7	133	212.8

- Deleted: ¶
- Deleted: 0 ... [1]
- Deleted: 0 ... [2]
- Deleted: 0 ... [3]
- Deleted: 0 ... [4]
- Deleted: 0 ... [5]
- Deleted: 0 ... [6]
- Deleted: 0 ... [7]
- Deleted: 0 ... [8]
- Deleted: 0 ... [9]
- Deleted: 0 ... [10]
- Deleted: 0 ... [11]
- Deleted: 0 ... [12]
- Deleted: 0 ... [13]
- Deleted: 0 ... [14]
- Deleted: 0 ... [15]
- Deleted: 0 ... [16]
- Deleted: 0 ... [17]
- Deleted: 0 ... [18]
- Deleted: 0 ... [19]
- Deleted: 0 ... [20]
- Deleted: 0 ... [21]
- Deleted: 0 ... [22]
- Deleted: 0 ... [23]
- Deleted: 0 ... [24]
- Deleted: 0 ... [25]
- Deleted: 0 ... [26]
- Deleted: 0 ... [27]
- Deleted: 0 ... [28]
- Deleted: 0 ... [29]
- Deleted: 0 ... [30]
- Deleted: 0 ... [31]
- Deleted: 0 ... [32]
- Deleted: 0 ... [33]
- Deleted: 0 ... [34]
- Deleted: 0 ... [35]
- Deleted: 0 ... [36]
- Deleted: 0 ... [37]
- Deleted: 0 ... [38]
- Deleted: 0 ... [39]
- Deleted: 0 ... [40]

Table JDA-9 (cont). Spill patterns for John Day Dam.

BAY NUMBER																				STOPS	Kcfs
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
0	4	6	8	8	7	7	7	7	7	7	7	7	7	8	7	8	7	8	7	134	214.4
0	4	6	8	8	7	7	8	7	7	7	7	7	7	8	7	8	7	8	7	135	216.0
0	4	6	8	8	7	7	8	7	8	7	7	7	7	8	7	8	7	8	7	136	217.6
0	4	6	8	8	7	7	8	7	8	7	8	7	7	8	7	8	7	8	7	137	219.2
0	4	6	8	8	8	7	8	7	8	7	8	7	7	8	7	8	7	8	7	138	220.8
0	4	6	8	8	8	7	8	7	8	7	8	7	7	8	7	8	8	8	7	139	222.4
0	4	6	8	8	8	7	8	7	8	7	8	7	7	8	8	8	8	8	7	140	224.0
0	4	6	8	8	8	8	8	7	8	7	8	7	7	8	8	8	8	8	7	141	225.6
0	4	6	8	8	8	8	8	7	8	7	8	7	8	8	8	8	8	8	7	142	227.2
0	4	6	8	8	8	8	8	8	8	7	8	7	8	8	8	8	8	8	7	143	228.8
0	4	6	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	7	144	230.4
0	4	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	145	232.0
0	4	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	146	233.6
0	4	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	147	235.2
0	4	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	148	236.8
0	4	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	149	238.4
0	4	6	8	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	150	240.0
0	4	6	8	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	151	241.6
0	4	6	8	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	152	243.2
0	4	6	8	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	153	244.8
0	4	6	8	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	9	154	246.4
0	4	6	8	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	9	155	248.0
0	4	6	8	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	9	156	249.6
0	4	6	8	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	9	157	251.2
0	4	6	8	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	9	158	252.8
0	4	6	8	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	9	159	254.4
0	4	6	8	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	9	160	256.0
0	4	6	8	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	9	161	257.6
0	4	6	8	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	9	162	259.2
0	4	6	8	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	10	163	260.8
0	4	6	8	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	10	164	262.4
0	4	6	8	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	10	165	264.0
0	4	6	8	10	9	9	9	9	9	9	9	9	9	9	8	8	8	8	10	166	265.6
0	4	6	8	10	9	9	10	9	9	9	9	9	9	9	9	8	8	8	10	167	267.2
0	4	6	8	10	9	9	10	9	10	9	9	9	9	9	9	9	8	8	10	168	268.8
0	4	6	8	10	9	9	10	9	10	9	10	9	9	9	9	9	9	8	10	169	270.4
0	4	6	8	10	10	9	10	9	10	9	10	9	9	9	9	9	9	9	10	170	272.0
0	4	6	8	10	10	9	10	9	10	9	10	9	9	9	9	9	9	9	10	171	273.6
0	4	6	8	10	10	9	10	9	10	9	10	9	9	9	9	9	9	9	10	172	275.2
0	4	6	8	10	10	10	10	9	10	9	10	9	9	9	9	9	9	9	10	173	276.8
0	4	6	8	10	10	10	10	9	10	9	10	9	10	10	10	10	10	9	10	174	278.4
0	4	6	8	10	10	10	10	10	10	9	10	9	10	10	10	10	10	9	10	175	280.0
0	4	6	8	10	10	10	10	10	10	10	10	9	10	10	10	10	10	9	10	176	281.6

Table JDA-9 (cont). Spill patterns for John Day Dam.

BAY NUMBER																				STOPS	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
0	4	6	8	10	9	177	Deleted: ¶														
0	4	6	8	10	178	Deleted: ¶															
0	4	6	8	10	11	10	179	Formatted Table													
0	4	6	8	10	11	10	11	10	180	Deleted: 0 ... [83]											
0	4	6	8	10	11	10	11	10	11	10	181	Deleted: 0 ... [84]									
0	4	6	8	10	10	10	11	10	10	10	10	10	10	11	10	11	10	11	10	182	Deleted: 0 ... [85]
0	4	6	8	10	10	10	11	10	11	10	10	10	10	11	10	11	10	11	10	183	Deleted: 0 ... [86]
0	4	6	8	10	10	10	11	10	11	10	11	10	10	11	10	11	10	11	10	184	Deleted: 0 ... [87]
0	4	6	8	10	11	10	11	10	11	10	11	10	10	11	10	11	10	11	10	185	Deleted: 0 ... [88]
0	4	6	8	10	11	10	11	10	11	10	11	10	10	11	10	11	11	11	10	186	Deleted: 0 ... [89]
0	4	6	8	10	11	10	11	10	11	10	11	10	10	11	10	11	11	11	10	187	Deleted: 0 ... [90]
0	4	6	8	10	11	11	11	10	11	10	11	10	10	11	11	11	11	11	10	188	Deleted: 0 ... [91]
0	4	6	8	10	11	11	11	10	11	10	11	10	11	11	11	11	11	11	10	189	Deleted: 0 ... [92]
0	4	6	8	10	11	11	11	11	11	10	11	10	11	11	11	11	11	11	10	190	Deleted: 0 ... [93]
0	4	6	8	10	11	10	11	11	11	11	11	11	10	191	Deleted: 0 ... [94]						
0	4	6	8	10	11	10	192	Deleted: 0 ... [95]													
0	4	6	8	10	11	193	Deleted: 0 ... [96]														
0	4	6	8	10	11	12	11	194	Deleted: 0 ... [97]												
0	4	6	8	10	11	12	11	12	11	195	Deleted: 0 ... [98]										
0	4	6	8	10	11	12	11	12	11	12	11	196	Deleted: 0 ... [99]								
0	4	6	8	10	11	11	12	11	11	11	11	11	11	12	11	12	11	12	11	197	Deleted: 0 ... [100]
0	4	6	8	10	11	11	12	11	12	11	11	11	11	12	11	12	11	12	11	198	Deleted: 0 ... [101]
0	4	6	8	10	11	11	12	11	12	11	12	11	11	12	11	12	11	12	11	199	Deleted: 0 ... [102]
0	4	6	8	10	12	11	12	11	12	11	12	11	11	12	11	12	11	12	11	200	Deleted: 0 ... [103]
																					Deleted: 0 ... [104]
																					Deleted: 0 ... [105]
																					Deleted: 0 ... [106]
																					Deleted: 0 ... [107]

Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [2] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	

89

142.4

Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [3] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	

90

144.0

Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [4] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	

91

145.6

Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [11] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	

98

156.8

Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [19] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	

106

169.6

Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [20] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	

107

171.2

Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	5	
Page 30: [21] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	

108

172.8

Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [37] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	

124

198.4

Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [38] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	

125

200.0

Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 30: [39] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	

126

201.6

Page 31: [46] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [46] Deleted	tammy mackey	10/18/2007 1:36:00 PM
131		
Page 31: [46] Deleted	tammy mackey	10/18/2007 1:36:00 PM
209.6		
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	

Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
132		
Page 31: [47] Deleted	tammy mackey	10/18/2007 1:36:00 PM
211.2		
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	

Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
133		
Page 31: [48] Deleted	tammy mackey	10/18/2007 1:36:00 PM
212.8		
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	0	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	4	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	6	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	8	

Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
	7	
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
134		
Page 31: [49] Deleted	tammy mackey	10/18/2007 1:36:00 PM
214.4		
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	

Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
135		
Page 31: [50] Deleted	tammy mackey	10/18/2007 1:37:00 PM
216.0		
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	

Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
136		
Page 31: [51] Deleted	tammy mackey	10/18/2007 1:37:00 PM
217.6		
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	

Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
137		
Page 31: [52] Deleted	tammy mackey	10/18/2007 1:37:00 PM
219.2		
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	

Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
138		
Page 31: [53] Deleted	tammy mackey	10/18/2007 1:37:00 PM
220.8		
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	7	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [54] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	

Page 31: [62] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [62] Deleted	tammy mackey	10/18/2007 1:37:00 PM
147		
Page 31: [62] Deleted	tammy mackey	10/18/2007 1:37:00 PM
235.2		
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	

Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
148		
Page 31: [63] Deleted	tammy mackey	10/18/2007 1:37:00 PM
236.8		
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	

Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
149		
Page 31: [64] Deleted	tammy mackey	10/18/2007 1:37:00 PM
238.4		
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	

Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
150		
Page 31: [65] Deleted	tammy mackey	10/18/2007 1:37:00 PM
240.0		
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	

Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
151		
Page 31: [66] Deleted	tammy mackey	10/18/2007 1:37:00 PM
241.6		
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	

Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
152		
Page 31: [67] Deleted	tammy mackey	10/18/2007 1:37:00 PM
243.2		
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	

Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
153		
Page 31: [68] Deleted	tammy mackey	10/18/2007 1:37:00 PM
244.8		
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	

Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
154		
Page 31: [69] Deleted	tammy mackey	10/18/2007 1:37:00 PM
246.4		
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	

Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
155		
Page 31: [70] Deleted	tammy mackey	10/18/2007 1:37:00 PM
248.0		
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	

Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
156		
Page 31: [71] Deleted	tammy mackey	10/18/2007 1:37:00 PM
249.6		
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [72] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	

Page 31: [79] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [79] Deleted	tammy mackey	10/18/2007 1:37:00 PM
164		
Page 31: [79] Deleted	tammy mackey	10/18/2007 1:37:00 PM
262.4		
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	

Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
165		
Page 31: [80] Deleted	tammy mackey	10/18/2007 1:37:00 PM
264.0		
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	

Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
166		
Page 31: [81] Deleted	tammy mackey	10/18/2007 1:37:00 PM
265.6		
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	

Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
167		
Page 31: [82] Deleted	tammy mackey	10/18/2007 1:37:00 PM
267.2		
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	

Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
168		
Page 32: [83] Deleted	tammy mackey	10/18/2007 1:37:00 PM
268.8		
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	

Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
169		
Page 32: [84] Deleted	tammy mackey	10/18/2007 1:37:00 PM
270.4		
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	

Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
170		
Page 32: [85] Deleted	tammy mackey	10/18/2007 1:37:00 PM
272.0		
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	

Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
171		
Page 32: [86] Deleted	tammy mackey	10/18/2007 1:37:00 PM
273.6		
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	0	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	4	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	6	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	8	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	9	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	
Page 32: [87] Deleted	tammy mackey	10/18/2007 1:37:00 PM
	10	

Page 32: [94] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [94] Deleted	tammy mackey	10/18/2007 1:38:00 PM
179		
Page 32: [94] Deleted	tammy mackey	10/18/2007 1:38:00 PM
286.4		
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	0	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	4	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	6	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	8	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	

Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
180		
Page 32: [95] Deleted	tammy mackey	10/18/2007 1:38:00 PM
288.0		
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	0	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	4	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	6	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	8	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	

Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
181		
Page 32: [96] Deleted	tammy mackey	10/18/2007 1:38:00 PM
289.6		
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	0	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	4	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	6	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	8	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	

Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
182		
Page 32: [97] Deleted	tammy mackey	10/18/2007 1:38:00 PM
291.2		
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	0	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	4	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	6	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	8	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	

Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
183		
Page 32: [98] Deleted	tammy mackey	10/18/2007 1:38:00 PM
292.8		
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	0	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	4	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	6	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	8	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	

Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
184		
Page 32: [99] Deleted	tammy mackey	10/18/2007 1:38:00 PM
294.4		
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	0	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	4	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	6	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	8	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	

Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
185		
Page 32: [100] Deleted	tammy mackey	10/18/2007 1:38:00 PM
296.0		
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	0	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	4	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	6	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	8	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	

Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
186		
Page 32: [101] Deleted	tammy mackey	10/18/2007 1:38:00 PM
297.6		
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	0	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	4	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	6	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	8	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	

Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
187		
Page 32: [102] Deleted	tammy mackey	10/18/2007 1:38:00 PM
299.2		
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	0	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	4	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	6	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	8	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	10	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	
Page 32: [103] Deleted	tammy mackey	10/18/2007 1:38:00 PM
	11	

Page 32: [106] Deleted tammy mackey 10/18/2007 1:38:00 PM

10

Page 32: [106] Deleted tammy mackey 10/18/2007 1:38:00 PM

191

Page 32: [106] Deleted tammy mackey 10/18/2007 1:38:00 PM

305.6

Page 32: [107] Deleted tammy mackey 10/18/2007 1:38:00 PM

0	4	6	8	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	192	307.2	
0	4	6	8	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	193	308.8	
0	4	6	8	10	11	11	11	11	11	11	11	11	11	11	11	12	11	194	310.4		
0	4	6	8	10	11	11	11	11	11	11	11	11	11	11	12	11	12	11	195	312.0	
0	4	6	8	10	11	11	11	11	11	11	11	11	11	12	11	12	11	12	11	196	313.6
0	4	6	8	10	11	11	12	11	11	11	11	11	11	12	11	12	11	12	11	197	315.2
0	4	6	8	10	11	11	12	11	12	11	11	11	11	12	11	12	11	12	11	198	316.8
0	4	6	8	10	11	11	12	11	12	11	12	11	11	12	11	12	11	12	11	199	318.4
0	4	6	8	10	12	11	12	11	12	11	12	11	11	12	11	12	11	12	11	200	320.0