

## Form 1: Environmental Checklist

DATE: 28/09/23

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	✓	
2 All gates and fences are secure?	✓	
3 All directional and advisory signage in place?	✓	
4 Weather station operating and recording?	✓	
5 All drains generally free of solids and operating efficiently?	✓	
6 Do first flush sediment traps have adequate capacity?	✓	NA
7 First flush transfer pump working correctly?	✓	
8 External holding yards (receival/delivery) clear of solids?	✓	
9 Truck wash area free of solids?	✓	
10 Meter 3 (raw effluent meter) working?	—————	
11 Stormwater retention pond has adequate capacity?	✓	
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	✓	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	✓	
16 Standing pond aerators working?	✓	
17 Irrigation pond aerators working?	✓	
18 Aerobic pond DO readings >0.5 mg/L? (record below)	—————	
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	✓	
21 Irrigator operational (e.g. no leaks, free from obstacles)	✓	

### Flow Meter Readings

No. 1 (kL): (main potable meter)	13 6153	No. 2 (kL): (main raw water meter)	—————
No. 3 (kL): (raw effluent flow meter)	—————	No. 4 (kL): (irrigation meter)	50619
No. 5 (kL) (irrigation tailwater pump)	—————	No. 6 (kL) (stormwater retention pond pump)	—————

### Surface Water Pond Readings

Surface Water Retention Pond (kL):	—————
------------------------------------	-------

**Form 1: Environmental Checklist (page 2)**

**Solids/manure stockpile**

Manure collected (m<sup>3</sup>): \_\_\_\_\_

**Effluent Pond Data**

Parameter	Anaerobic Pond	SBR Pond	Standing Pond	Irrigation Pond
Dissolved Oxygen (mg/L)	<del>_____</del>			
pH	<del>_____</del>			
Odour (low, moderate, strong)	low	low	low	low

Comments: \_\_\_\_\_

**Reasons for Non-Compliance with Checklist:**

Item No.	Comment

**Incident Report Prepared (circle):** Yes / No    **If answered "No", state why below**

\_\_\_\_\_

\_\_\_\_\_

**Action(s) to be taken for Non-Compliance to be rectified:**

Item No.	Action

**Follow-up actions complete?**

Item No.	Date Complete	Signed

**Certified Correct**


(Environment Advisor)
Date: 28-09-2023  
 BSSA Plant Manager

## Form 1: Environmental Checklist

DATE: 14/9/23

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	✓	
2 All gates and fences are secure?	✓	
3 All directional and advisory signage in place?	✓	
4 Weather station operating and recording?	✓	
5 All drains generally free of solids and operating efficiently?	✓	
6 Do first flush sediment traps have adequate capacity?	✓	
7 First flush transfer pump working correctly?	✓	
8 External holding yards (receiving/delivery) clear of solids?	✓	
9 Truck wash area free of solids?	✓	
10 Meter 3 (raw effluent meter) working?	✓	
11 Stormwater retention pond has adequate capacity?	✓	
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	✓	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	✓	
16 Standing pond aerators working?	✓	
17 Irrigation pond aerators working?	✓	
18 Aerobic pond DO readings >0.5 mg/L? (record below)	_____	
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	✓	
21 Irrigator operational (e.g. no leaks, free from obstacles)	✓	

### Flow Meter Readings

No. 1 (kL): (main potable meter)	131359	No. 2 (kL): (main raw water meter)	✓
No. 3 (kL): (raw effluent flow meter)	✓	No. 4 (kL): (irrigation meter)	47224
No. 5 (kL) (irrigation tailwater pump)	✓	No. 6 (kL) (stormwater retention pond pump)	✓

### Surface Water Pond Readings

Surface Water Retention Pond (kL):	✓
------------------------------------	---

**Form 1: Environmental Checklist (page 2)**

**Solids/manure stockpile**

Manure collected (m<sup>3</sup>): /

**Effluent Pond Data**

Parameter	Anaerobic Pond	SBR Pond	Standing Pond	Irrigation Pond
Dissolved Oxygen (mg/L)	/			
pH	6.94	7.75	7.6	7.96
Odour (low, moderate, strong)	low	low	low	low

Comments: \_\_\_\_\_

**Reasons for Non-Compliance with Checklist:**

Item No.	Comment

**Incident Report Prepared (circle):** Yes / No    **If answered "No", state why below**

\_\_\_\_\_

\_\_\_\_\_

**Action(s) to be taken for Non-Compliance to be rectified:**

Item No.	Action

**Follow-up actions complete?**

Item No.	Date Complete	Signed

**Certified Correct**

/ \_\_\_\_\_ Environment  
Advisor                      Date: 14/09/23

BSSA Plant Manager

## Form 1: Environmental Checklist

DATE: 29/08/2023

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	✓	
2 All gates and fences are secure?	✓	
3 All directional and advisory signage in place?	✓	
4 Weather station operating and recording?	✓	
5 All drains generally free of solids and operating efficiently?	✓	
6 Do first flush sediment traps have adequate capacity?	✓	
7 First flush transfer pump working correctly?	✓	
8 External holding yards (receiving/delivery) clear of solids?	✓	
9 Truck wash area free of solids?	✓	
10 Meter 3 (raw effluent meter) working?	—————	
11 Stormwater retention pond has adequate capacity?	✓	
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	✓	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	✓	
16 Standing pond aerators working?	✓	
17 Irrigation pond aerators working?	✓	
18 Aerobic pond DO readings >0.5 mg/L? (record below)	—————	
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	✓	
21 Irrigator operational (e.g. no leaks, free from obstacles)	✓	

### Flow Meter Readings

No. 1 (kL): (main potable meter)	126500	No. 2 (kL): (main raw water meter)	/
No. 3 (kL): (raw effluent flow meter)	/	No. 4 (kL): (irrigation meter)	43120
No. 5 (kL) (irrigation tailwater pump)	/	No. 6 (kL) (stormwater retention pond pump)	/

### Surface Water Pond Readings

Surface Water Retention Pond (kL):	/
------------------------------------	---



## Form 1: Environmental Checklist

DATE: 14/08/23

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	✓	
2 All gates and fences are secure?	✓	
3 All directional and advisory signage in place?	✓	
4 Weather station operating and recording?	✓	
5 All drains generally free of solids and operating efficiently?	✓	
6 Do first flush sediment traps have adequate capacity?	✓	
7 First flush transfer pump working correctly?	✓	
8 External holding yards (receiving/delivery) clear of solids?	✓	
9 Truck wash area free of solids?	✓	
10 Meter 3 (raw effluent meter) working?	—	
11 Stormwater retention pond has adequate capacity?	✓	
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	✓	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	✓	
16 Standing pond aerators working?	✓	
17 Irrigation pond aerators working?	✓	
18 Aerobic pond DO readings >0.5 mg/L? (record below)	—	
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	✓	
21 Irrigator operational (e.g. no leaks, free from obstacles)	✓	

### Flow Meter Readings

No. 1 (kL): (main potable meter) <span style="font-size: 1.2em; color: red;">122088</span>	No. 2 (kL): (main raw water meter) <span style="font-size: 1.2em; color: red;">—</span>
No. 3 (kL): (raw effluent flow meter) <span style="font-size: 1.2em; color: red;">—</span>	No. 4 (kL): (irrigation meter) <span style="font-size: 1.2em; color: red;">39293</span>
No. 5 (kL) (irrigation tailwater pump) <span style="font-size: 1.2em; color: red;">—</span>	No. 6 (kL) (stormwater retention pond pump) <span style="font-size: 1.2em; color: red;">—</span>

### Surface Water Pond Readings

Surface Water Retention Pond (kL): —



## Form 1: Environmental Checklist

DATE: 31/07/2023

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	✓	
2 All gates and fences are secure?	✓	
3 All directional and advisory signage in place?	✓	
4 Weather station operating and recording?	✓	
5 All drains generally free of solids and operating efficiently?	✓	
6 Do first flush sediment traps have adequate capacity?	✓	
7 First flush transfer pump working correctly?	✓	
8 External holding yards (receival/delivery) clear of solids?	✓	
9 Truck wash area free of solids?	✓	
10 Meter 3 (raw effluent meter) working?	—	
11 Stormwater retention pond has adequate capacity?	✓	
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	✓	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	—	
16 Standing pond aerators working?	—	
17 Irrigation pond aerators working?	—	
18 Aerobic pond DO readings >0.5 mg/L? (record below)	—	
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	—	
21 Irrigator operational (e.g. no leaks, free from obstacles)	✓	

### Flow Meter Readings

No. 1 (kL): (main potable meter) <u>117925</u>	No. 2 (kL): (main raw water meter) <u>—</u>
No. 3 (kL): (raw effluent flow meter) <u>—</u>	No. 4 (kL): (irrigation meter) <u>35663</u>
No. 5 (kL): (irrigation tailwater pump) <u>—</u>	No. 6 (kL): (stormwater retention pond pump) <u>—</u>

### Surface Water Pond Readings

Surface Water Retention Pond (kL):  
—

**Form 1: Environmental Checklist (page 2)**

**Solids/manure stockpile**

Manure collected (m<sup>3</sup>): \_\_\_\_\_

**Effluent Pond Data**

Parameter	Anaerobic Pond	SBR Pond	Standing Pond	Irrigation Pond
Dissolved Oxygen (mg/L)				
pH	7.58	7.72	7.64	7.49
Odour (low, moderate, strong)	low	low	Medium	low

Comments: \_\_\_\_\_

**Reasons for Non-Compliance with Checklist:**

Item No.	Comment
101	

**Incident Report Prepared (circle):** Yes / No    **If answered "No", state why below**

\_\_\_\_\_

**Action(s) to be taken for Non-Compliance to be rectified:**

Item No.	Action
	20230711
	202308

**Follow-up actions complete?**

Item No.	Date Complete	Signed

**Certified Correct**

 (Env Advisor)                      Date: 31/07/2023  
 BSSA Plant Manager

## Form 1: Environmental Checklist

DATE: 14/7/2023

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	✓	
2 All gates and fences are secure?	✓	
3 All directional and advisory signage in place?	✓	
4 Weather station operating and recording?	✓	
5 All drains generally free of solids and operating efficiently?	✓	
6 Do first flush sediment traps have adequate capacity?	✓	
7 First flush transfer pump working correctly?	✓	
8 External holding yards (receival/delivery) clear of solids?	✓	
9 Truck wash area free of solids?	✓	
10 Meter 3 (raw effluent meter) working?	—————	
11 Stormwater retention pond has adequate capacity?	✓	
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	✓	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	✓	
16 Standing pond aerators working?	✓	
17 Irrigation pond aerators working?	✓	
18 Aerobic pond DO readings >0.5 mg/L? (record below)	—————	
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	✓	
21 Irrigator operational (e.g. no leaks, free from obstacles)	✓	

### Flow Meter Readings

No. 1 (kL): (main potable meter) <u>113054</u>	No. 2 (kL): (main raw water meter) <u>—————</u>
No. 3 (kL): (raw effluent flow meter) <u>—————</u>	No. 4 (kL): (irrigation meter) <u>30702</u>
No. 5 (kL) (irrigation tailwater pump) <u>—————</u>	No. 6 (kL) (stormwater retention pond pump) <u>—————</u>

### Surface Water Pond Readings

Surface Water Retention Pond (kL):  
—————

**Form 1: Environmental Checklist (page 2)**

**Solids/manure stockpile**

Manure collected (m<sup>3</sup>): \_\_\_\_\_

**Effluent Pond Data**

Parameter	Anaerobic Pond	SBR Pond	Standing Pond	Irrigation Pond
Dissolved Oxygen (mg/L)	_____	_____	_____	_____
pH	_____	_____	_____	_____
Odour (low, moderate, strong)	low	low	low	low

Comments: \_\_\_\_\_

**Reasons for Non-Compliance with Checklist:**

Item No.	Comment
_____	_____
_____	_____
_____	_____

**Incident Report Prepared (circle):** Yes / No    **If answered "No", state why below**

\_\_\_\_\_

\_\_\_\_\_

**Action(s) to be taken for Non-Compliance to be rectified:**

Item No.	Action
_____	_____
_____	_____
_____	_____

**Follow-up actions complete?**

Item No.	Date Complete	Signed
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Certified Correct**


 \_\_\_\_\_ (Environment Advisor)
 Date: 14-07-2023

BSSA Plant Manager

## Form 1: Environmental Checklist

DATE: 26/06/2023

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	✓	
2 All gates and fences are secure?	✓	
3 All directional and advisory signage in place?	✓	
4 Weather station operating and recording?	✓	
5 All drains generally free of solids and operating efficiently?	✓	
6 Do first flush sediment traps have adequate capacity?	✓	
7 First flush transfer pump working correctly?	✓	
8 External holding yards (receival/delivery) clear of solids?	✓	
9 Truck wash area free of solids?	✓	
10 Meter 3 (raw effluent meter) working?	✓	
11 Stormwater retention pond has adequate capacity?		NA
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	✓	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	✓	
16 Standing pond aerators working?	✓	
17 Irrigation pond aerators working?	✓	
18 Aerobic pond DO readings >0.5 mg/L? (record below)	_____	
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	✓	
21 Irrigator operational (e.g. no leaks, free from obstacles)		

### Flow Meter Readings

No. 1 (kL): (main potable meter)	105789	No. 2 (kL): (main raw water meter)	_____
No. 3 (kL): (raw effluent flow meter)	_____	No. 4 (kL): (irrigation meter)	26625
No. 5 (kL) (irrigation tailwater pump)	_____	No. 6 (kL) (stormwater retention pond pump)	_____

### Surface Water Pond Readings

Surface Water Retention Pond (kL):  
\_\_\_\_\_



## Form 1: Environmental Checklist

DATE: 09/06/2023

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	✓	
2 All gates and fences are secure?	✓	
3 All directional and advisory signage in place?	✓	
4 Weather station operating and recording?	✓	
5 All drains generally free of solids and operating efficiently?	✓	
6 Do first flush sediment traps have adequate capacity?	✓	
7 First flush transfer pump working correctly?	✓	
8 External holding yards (receival/delivery) clear of solids?	✓	
9 Truck wash area free of solids?	✓	
10 Meter 3 (raw effluent meter) working?	✓	
11 Stormwater retention pond has adequate capacity?	✓	
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	✓	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	✓	
16 Standing pond aerators working?	✓	
17 Irrigation pond aerators working?	✓	
18 Aerobic pond DO readings >0.5 mg/L? (record below)	—	
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	✓	
21 Irrigator operational (e.g. no leaks, free from obstacles)	✓	

### Flow Meter Readings

No. 1 (kL): (main potable meter)	102018	No. 2 (kL): (main raw water meter)	—
No. 3 (kL): (raw effluent flow meter)	—	No. 4 (kL): (irrigation meter)	23185
No. 5 (kL) (irrigation tailwater pump)	—	No. 6 (kL) (stormwater retention pond pump)	—

### Surface Water Pond Readings

Surface Water Retention Pond (kL):	—
------------------------------------	---

**Form 1: Environmental Checklist (page 2)**

**Solids/manure stockpile**

Manure collected (m<sup>3</sup>): \_\_\_\_\_

**Effluent Pond Data**

Parameter	Anaerobic Pond	SBR Pond	Standing Pond	Irrigation Pond
Dissolved Oxygen (mg/L)				
pH	7.84	7.39	7.59	7.3
Odour (low, moderate, strong)	low	low	low	low

Comments: \_\_\_\_\_

**Reasons for Non-Compliance with Checklist:**

Item No.	Comment

**Incident Report Prepared (circle):** Yes / No    **If answered "No", state why below**

\_\_\_\_\_

\_\_\_\_\_


**Action(s) to be taken for Non-Compliance to be rectified:**

Item No.	Action

**Follow-up actions complete?**

Item No.	Date Complete	Signed

**Certified Correct**


Environment Advisor
Date: 09-06-2023  
 BSSA Plant Manager

## Form 1: Environmental Checklist

DATE: 25/05/2023

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	✓	
2 All gates and fences are secure?	✓	
3 All directional and advisory signage in place?	✓	
4 Weather station operating and recording?	✓	
5 All drains generally free of solids and operating efficiently?	✓	
6 Do first flush sediment traps have adequate capacity?	✓	
7 First flush transfer pump working correctly?	✓	
8 External holding yards (receival/delivery) clear of solids?	✓	
9 Truck wash area free of solids?	✓	
10 Meter 3 (raw effluent meter) working?	✓	
11 Stormwater retention pond has adequate capacity?	✓	
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	✓	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	✓	
16 Standing pond aerators working?	✓	
17 Irrigation pond aerators working?	✓	
18 Aerobic pond DO readings >0.5 mg/L? (record below)	—————	
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	✓	
21 Irrigator operational (e.g. no leaks, free from obstacles)		

### Flow Meter Readings

No. 1 (kL): (main potable meter)	97291	No. 2 (kL): (main raw water meter)	—
No. 3 (kL): (raw effluent flow meter)	—	No. 4 (kL): (irrigation meter)	19558
No. 5 (kL) (irrigation tailwater pump)	—	No. 6 (kL) (stormwater retention pond pump)	—

### Surface Water Pond Readings

Surface Water Retention Pond (kL):	—
------------------------------------	---



## Form 1: Environmental Checklist

DATE: 12/05/2023

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	/	
2 All gates and fences are secure?	/	
3 All directional and advisory signage in place?	/	
4 Weather station operating and recording?	/	
5 All drains generally free of solids and operating efficiently?	/	
6 Do first flush sediment traps have adequate capacity?	/	
7 First flush transfer pump working correctly?	/	
8 External holding yards (receival/delivery) clear of solids?	/	
9 Truck wash area free of solids?	/	
10 Meter 3 (raw effluent meter) working?	✓	<del>NO</del>
11 Stormwater retention pond has adequate capacity?	/	
12 Stormwater retention pond pump working correctly?	/	NA
13 All solids stored within designated areas?	/	
14 Anaerobic pond crust adequate?	/	NA
15 SBR pond aerators working?	/	
16 Standing pond aerators working?	/	
17 Irrigation pond aerators working?	/	
18 Aerobic pond DO readings >0.5 mg/L? (record below)	/	
19 All effluent pond transfer pipes operating/not blocked? 20	/	
Irrigation area OK? (e.g. grass cover, no pooled water) 21		
Irrigator operational (e.g. no leaks, free from obstacles)		

### Flow Meter Readings

No. 1 (kL): <u>94655</u> <small>(main potable meter)</small>	No. 2 (kL): <u>—</u> <small>(main raw water meter)</small>
No. 3 (kL): <u>—</u> <small>(raw effluent flow meter)</small>	No. 4 (kL): <u>17107</u> <small>(irrigation meter)</small>
No. 5 (kL): <u>—</u> <small>(irrigation tailwater pump)</small>	No. 6 (kL): <u>—</u> <small>(stormwater retention pond pump)</small>

### Surface Water Pond Readings

Surface Water Retention Pond (kL): <u>—</u>
--



## Form 1: Environmental Checklist

DATE: 28/04/2023

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

- 1 All CCTV operational?
- 2 All gates and fences are secure?
- 3 All directional and advisory signage in place?
- 4 Weather station operating and recording?
- 5 All drains generally free of solids and operating efficiently?
- 6 Do first flush sediment traps have adequate capacity?
- 7 First flush transfer pump working correctly?
- 8 External holding yards (receival/delivery) clear of solids?
- 9 Truck wash area free of solids?
- 10 Meter 3 (raw effluent meter) working?
- 11 Stormwater retention pond has adequate capacity?
- 12 Stormwater retention pond pump working correctly?
- 13 All solids stored within designated areas?
- 14 Anaerobic pond crust adequate?
- 15 SBR pond aerators working?
- 16 Standing pond aerators working?
- 17 Irrigation pond aerators working?
- 18 Aerobic pond DO readings >0.5 mg/L? (record below)
- 19 All effluent pond transfer pipes operating/not blocked?
- 20 Irrigation area OK? (e.g. grass cover, no pooled water)
- 21 Irrigator operational (e.g. no leaks, free from obstacles)

YES	NO
✓	
✓	
✓	
✓	
✓	
✓	
✓	
✓	
✓	
	NA
✓	
	NA
✓	
	NA
✓	
	NA
	NA
✓	
✓	
✓	
✓	

### Flow Meter Readings

No. 1 (kL): (main potable meter) <u>91596</u>	No. 2 (kL): (main raw water meter) <u>—</u>
No. 3 (kL): (raw effluent flow meter) <u>—</u>	No. 4 (kL): (irrigation meter) <u>16014</u>
No. 5 (kL): (irrigation tailwater pump) <u>—</u>	No. 6 (kL): (stormwater retention pond pump) <u>—</u>

### Surface Water Pond Readings

Surface Water Retention Pond (kL):  
—

*8607/16/20*

*650/16*

*(transmission) 2023/04/28*



## Form 1: Environmental Checklist

DATE: 13-04-2023

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	✓	
2 All gates and fences are secure?	✓	
3 All directional and advisory signage in place?	✓	
4 Weather station operating and recording?	✓	
5 All drains generally free of solids and operating efficiently?	✓	
6 Do first flush sediment traps have adequate capacity?	✓	
7 First flush transfer pump working correctly?	✓	
8 External holding yards (receival/delivery) clear of solids?	✓	
9 Truck wash area free of solids?	✓	
10 Meter 3 (raw effluent meter) working?		NA
11 Stormwater retention pond has adequate capacity?	✓	
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	✓	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	✓	
16 Standing pond aerators working?		NA
17 Irrigation pond aerators working?		NA
18 Aerobic pond DO readings >0.5 mg/L? (record below)	—	
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	✓	
21 Irrigator operational (e.g. no leaks, free from obstacles)	✓	

### Flow Meter Readings

No. 1 (kL): (main potable meter)	88478	No. 2 (kL): (main raw water meter)	—
No. 3 (kL): (raw effluent flow meter)	—	No. 4 (kL): (irrigation meter)	15050
No. 5 (kL) (irrigation tailwater pump)	—	No. 6 (kL) (stormwater retention pond pump)	

### Surface Water Pond Readings

Surface Water Retention Pond (kL):	—
------------------------------------	---

**Form 1: Environmental Checklist (page 2)**

**Solids/manure stockpile**

Manure collected (m<sup>3</sup>): \_\_\_\_\_

**Effluent Pond Data**

Parameter	Anaerobic Pond	SBR Pond	Standing Pond	Irrigation Pond
Dissolved Oxygen (mg/L)	_____	_____	_____	_____
pH	_____	_____	_____	_____
Odour (low, moderate, strong)	low	low	low	low

Comments: \_\_\_\_\_

**Reasons for Non-Compliance with Checklist:**

Item No.	Comment
_____	_____
_____	_____
_____	_____

**Incident Report Prepared (circle):** Yes / No    **If answered "No", state why below**

\_\_\_\_\_

\_\_\_\_\_

**Action(s) to be taken for Non-Compliance to be rectified:**

Item No.	Action
_____	_____
_____	_____
_____	_____

**Follow-up actions complete?**

Item No.	Date Complete	Signed
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Certified Correct**

 (Environment Advisor)
 Date: 13-04-2023

BSSA Plant Manager

## Form 1: Environmental Checklist

DATE: 11-05-2023

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	/	
2 All gates and fences are secure?	/	
3 All directional and advisory signage in place?	/	
4 Weather station operating and recording?	/	
5 All drains generally free of solids and operating efficiently?	/	
6 Do first flush sediment traps have adequate capacity?	/	
7 First flush transfer pump working correctly?	/	
8 External holding yards (receival/delivery) clear of solids?	/	
9 Truck wash area free of solids?	/	
10 Meter 3 (raw effluent meter) working?		NA
11 Stormwater retention pond has adequate capacity?	/	
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	/	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	/	
16 Standing pond aerators working?		NA
17 Irrigation pond aerators working?		NA
18 Aerobic pond DO readings >0.5 mg/L? (record below)	/	
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	/	
21 Irrigator operational (e.g. no leaks, free from obstacles)	/	

### Flow Meter Readings

No. 1 (kL): (main potable meter) <span style="float: right;">94319</span>	No. 2 (kL): (main raw water meter) <span style="float: right;">/</span>
No. 3 (kL): (raw effluent flow meter) <span style="float: right;">/</span>	No. 4 (kL): (irrigation meter) <span style="float: right;">17107</span>
No. 5 (kL) (irrigation tailwater pump) <span style="float: right;">/</span>	No. 6 (kL) (stormwater retention pond pump) <span style="float: right;">/</span>

### Surface Water Pond Readings

Surface Water Retention Pond (kL):

/

Document No.	BSSA_FORM 1_9.0	Page 1 of 2	Parent Document	N/A
Document Authorisation	General Manager Operations		Review Date	February 2024
Document Owner	Environmental & Sustainability Manager		Version	9.0
© 2023	Printed versions of this document are uncontrolled. Before using a print copy verify that it is in the current version online			



## Form 1: Environmental Checklist

DATE: 20-07-2023

The Environmental Checklist is to be completed by the Plant Manager every second Thursday.

	YES	NO
1 All CCTV operational?	✓	
2 All gates and fences are secure?	✓	
3 All directional and advisory signage in place?	✓	
4 Weather station operating and recording?	✓	
5 All drains generally free of solids and operating efficiently?	✓	
6 Do first flush sediment traps have adequate capacity?	✓	
7 First flush transfer pump working correctly?	✓	
8 External holding yards (receival/delivery) clear of solids?	✓	
9 Truck wash area free of solids?	✓	
10 Meter 3 (raw effluent meter) working?		NA - no meter
11 Stormwater retention pond has adequate capacity?	✓	
12 Stormwater retention pond pump working correctly?		NA
13 All solids stored within designated areas?	✓	
14 Anaerobic pond crust adequate?		NA
15 SBR pond aerators working?	✓	
16 Standing pond aerators working?	.	NA
17 Irrigation pond aerators working?		NA
18 Aerobic pond DO readings >0.5 mg/L? (record below)		
19 All effluent pond transfer pipes operating/not blocked?	✓	
20 Irrigation area OK? (e.g. grass cover, no pooled water)	✓	
21 Irrigator operational (e.g. no leaks, free from obstacles)	✓	

### Flow Meter Readings

No. 1 (kL): (main potable meter)	114902	No. 2 (kL): (main raw water meter)	—
No. 3 (kL): (raw effluent flow meter)	—	No. 4 (kL): (irrigation meter)	32886
No. 5 (kL) (irrigation tailwater pump)	—	No. 6 (kL) (stormwater retention pond pump)	—

### Surface Water Pond Readings

Surface Water Retention Pond (kL):

—

Document No.	BSSA_FORM 1_9.0		Parent Document	N/A
Document Authorisation	General Manager Operations		Review Date	February 2024
Document Owner	Environmental & Sustainability Manager		Version	9.0
© 2023		Printed versions of this document are uncontrolled. Before using a print copy verify that it is in the current version online		

## Form 1: Environmental Checklist (page 2)

**Solids/manure stockpile**

Manure collected (m<sup>3</sup>):

**Effluent Pond Data**

Parameter	Anaerobic Pond	SBR Pond	Standing Pond	Irrigation Pond
Dissolved Oxygen (mg/L)	<del>_____</del>			
pH	7.43	7.59	7.57	8.15
Odour (low, moderate, strong)	low	low	low	low

Comments:

**Reasons for Non-Compliance with Checklist:**

Item No.    Comment


**Incident Report Prepared (circle):**    Yes / No    If answered "No", state why below



**Action(s) to be taken for Non-Compliance to be rectified:**

Item No.    Action


**Follow-up actions complete?**

Item No.    Date Complete    Signed


**Certified Correct**

 (Environment Advisor)  
 BSSA Plant Manager

Date: 20-07-2023