

No	Item
1	<p>Welcome</p> <ul style="list-style-type: none"> • P. Khwinana welcomed the attendees to the first Forum meeting of 2018 and thanked all attendees for coming. • P. Khwinana asked attendees to introduce themselves and to sign the attendance register.
2	<p>Introduction of Attendees</p> <ul style="list-style-type: none"> • All attendees introduced themselves as the attendance register was circulated.
3	<p>Apologies</p> <ul style="list-style-type: none"> • The following apologies were noted: <ul style="list-style-type: none"> – B. Mashau – T. Nkadimeng – M. Pillay – L. Roode – T. Matsane • P. Khwinana apologised that there would be no catering.
4	<p>Minutes of the Previous Meeting</p> <p>Minutes of the November Forum meeting were accepted with the following corrections:</p> <ul style="list-style-type: none"> • Point 8.2, the last bullet, EMM had 168 monitoring points and not 186. • Page 8, on the first bullet. Trevor Balzer had been misspelt. • Page 8, A. Maurizi had spoken to ACSA about a paint spill that had been observed in the southern region of EMM. Officials working in that region were already aware of the incident. A. Maurizi had not received any feedback as of yet. • Page 14, on the second bullet, A. Barker said that the action to circulate the State of the Environment Report should not have been allocated to him. Since the report was compiled by GDARD, they would need to distribute it.
5	<p>Matters Arising from the Previous Minutes</p> <ul style="list-style-type: none"> • Action No 1: ERWAT have received their amended Water Use Licence (WUL) however, a number of errors in the amendment have been noted, which need to be rectified. • Action No 2: A. Maurizi said that there were reeds in the river system that made it difficult to access certain sampling points along the river. Some of the reeds had been removed, which would hopefully resolve the problem. • Action No 3: As mentioned above, A. Barker said that he was not able to distribute the State of the Environment report, and that GDARD would need to distribute the report. • Action No 4: A. Maurizi said that she was only responsible for monitoring the eastern region of the airport and that the relevant responsible officer would conduct the investigation of the paint spill at ACSA. • Action No 6: P. Khwinana said that the dates for the Wetland Forum meetings had been sent to Forum members, however GDARD would announce the date of the next Wetland Forum meeting during their feedback.

	<ul style="list-style-type: none"> • Action No 7: P. Khwinana said that the action was to encourage authorities and organisations to work together with regards to the water quality and security issues raised by A. Barker at the previous meeting. • Action No 8: P. Khwinana explained that the proposal for the establishment of a single CMA had been gazetted on the 15 of December 2017 and was open for public comment for 60 days. P. Khwinana said that all comments should be directed to Ms T. Sigwaza at SigwazaT@dws.gov.za. • M. Liefferink said that the South African Water Caucus and FSE had submitted their concerns regarding the establishment of a single Catchment Management Agency (CMA) to the Minister and that the Minister had agreed to have a meeting with the FSE. • M. Liefferink furthermore stated that she had discussed the DWS Master Plan with Mr Trevor Balzer. The accepted Master Plan stated that the synchronisation of 9 CMAs into a single CMA had been accepted. M. Liefferink said that this therefore negated the public participation process. • J. Van Wyk responded and said that T. Balzer had corrected the error in the Master Plan, which should not have stated that the establishment of a single CMA had been approved.
6	<p>Additions to the Agenda</p> <ul style="list-style-type: none"> • Workshop for the Klip River Catchment • DWS Master Plan • Overview of the South African Water Caucus report findings • Independent research study on the Blesbokspruit
7	<p>Items for Presentation</p> <ul style="list-style-type: none"> • There were no items for presentation
8	<p>Water Quality Monitoring and Reporting</p>
8.1	<p>Department of Water and Sanitation (DWS)</p> <ul style="list-style-type: none"> • P. Maphakela presented the DWS water quality monitoring results for October 2018 to December 2017. • Phosphate was non-complaint in the upper part of the catchment from Blesbokspruit civic road to the Suikerbosrand River in Vereeniging. • Water quality in the upper catchment was looking better, apart from the phosphate elevations. • Iron was not supposed to appear in red on the water quality results. The new Catchment manager had not realised that the CSIR measured Iron in mg/l and she had therefore not converted the measurements. All points for Suikerbosrand had thus not been converted. It would be rectified in the next report. • Faecal coliform count and Ammonia were elevated at the Duduza monitoring point. • M. de Fontaine asked if the Ammonia results were also received from the CSIR in mg/l and thus also needed to be converted. • P. Maphakela confirmed that all the metals were received from the CSIR in mg/l and needed to be converted. • M. de Fontaine asked why the Welgedacht Blesbokspruit monitoring point was not being monitored • P. Maphakela said that it was not being monitored due to safety concerns. P. Maphakela said that there were quite a few men around that area and it was therefore not safe for women to sample when they were on their own. P. Maphakela said that she would discuss this with her managers in order to try and find a solution. • M. de Fontaine requested that P. Maphakela sent the corrected water quality results to him so that he could post them into the Reservoir website.

	<ul style="list-style-type: none"> • M. de Fontaine said that according to the water quality results, there had been no flow in point 09 for the whole of the previous year. M. de Fontaine asked if that point was not being monitored anymore. P. Maphakela said that she was not responsible for that point and that Ms B. Nakene would explain the situation at point 09 at the next Forum meeting. • M. Liefferink asked if the points were monitored once per month at a specific time of day. • P. Maphakela said that samples were taken once a month, however the time at which the samples were collected was not always the same.
8.2	<p>Ekurhuleni Metropolitan Municipality (EMM)</p> <ul style="list-style-type: none"> • A. Maurizi presented the water quality monitoring results for EMM. • A. Maurizi said that they had been having some difficulty obtaining a sampling from Benoni Civic Lake due to illegal dumping of non-solid waste. A. Maurizi said that that when it was last sampled, elevated E.coli was noted at that sampling point. • A. Maurizi said that she had liaised with the EMM environmental Department in order to get the area cleaned up. A. Maurizi added that the point was next to Lakeside Mall and that any blockages or sewage spills coming from the town would impact negatively on the system. • A. Maurizi said that there were similar problems with Brakpan water from Jan Smuts Dam. A. Maurizi added that EMM was trying to do daily monitoring of sewage blockages and blocked manholes. • There was an improvement at the Brakpan monitoring point in the last two quarters, compared to the first two quarters. • There had been challenges with regard to accessing Cowles Dam monitoring point, which was why there were no results for Cowles Dam for the last quarter. • M. Mnyameni from Enstra Paper said that she would engage with A. Maurizi in order to show her a different route to Cowles Dam. However, M. Mnyameni added that the access problems were related to illegal miners in the area.
8.3	<p>ERWAT</p> <ul style="list-style-type: none"> • G. Hefer said that the ERWAT water quality results indicated an improvement however; they still had challenges with the Anchor Waste Water Treatment Works (WWTW) and Tsakane WWTW. • Tsakane had started to improve due to upgrade work that had been undertaken so far. • G. Hefer said that there would always be a challenge at Welgedacht due to the WUL 0 E.coli count limit. • G. Hefer said that the increased summer rainfall over the last quarter had helped to dilute the waste water. • P. Khwinana mentioned that ERWAT had requested an amendment of the E.coli count limit however he was unsure if DWS would accept the requested for amendment. P. Khwinana said that Anchor WWTW was still not doing well. • G. Hefer confirmed that Anchor WWTW was very degraded and function beyond its design capacity.
8.4	<p>Lesedi Local Municipality</p> <ul style="list-style-type: none"> • No representative was present at the Forum meeting. • P. Khwinana said that B. Nakene would follow up with Lesedi and request them to attend the meeting.
8.5	<p>Rand Water (RW)</p> <ul style="list-style-type: none"> • M. de Fontaine presented the Water quality status for Rand Water and said that the main items for discussion were as follows: Point Source Discharges, AMD, E.coli and Water Hyacinth. <p><u>Point Source Discharge</u></p>

- B2: Ammonia and Phosphate had been exceedingly high for the last quarter, as well as the whole of the previous year. In terms of phosphate however the elevated concentrations are not necessarily related to the outflow from Van Ryn Dam and further investigation should be undertaken to try and identify the source.
- In the last quarter the Ammonia concentration was 7.50mg/l, and further investigation should be undertaken to try and identify the source.
- B7: Sulphate levels measured over 1000mg/l, which is an Acid Mine Drainage (AMD) level. However, as far as M. de Fontaine knows, there are no AMD plant discharges at that monitoring point. M. de Fontaine asked if A. Maurizi was aware of an AMD discharges in that area.
- A. Maurizi said that she would communicate with the officer responsible for the Nigel Dam and further investigate in order to try and identify the source of the elevated sulphate.
- A. Maurizi added that there was illegal mining taking place upstream of Nigel, which often resulted in the release of contaminated sediments in to the stream. A. Maurizi said that the problem had been previously investigated, and that she would follow up as to the results of the investigation.
- B12: Phosphate levels were elevated for the last quarter, as well as the whole of the previous year. M. de Fontaine said he had raised the issue at the catchment Forums last year. M. de Fontaine said that he had conducted a desktop analysis of the area using Google Earth, but that it was difficult to pin point a source because that catchment was so small. M. de Fontaine added that the problem was getting progressively worse.

AMD

- M. de Fontaine said that the B16 monitoring point was located downstream of the TCTA discharge point and that the water quality results indicated that there was slightly elevated Sodium and Sulphate concentrations.
- M. de Fontaine said that the B17 monitoring point was further downstream of B16 and the TCTA discharge point and that the Sodium and Sulphate concentrations became more elevated further downstream. The same applied to B11, which was located downstream of B17.
- M. de Fontaine said that it was strange that the TCTA discharge levels for Sulphate were ± 500 at point B16 but further downstream the levels were elevated to 613 mg/l.
- The reasons for the elevated Sulphate levels were not known but it could be that the increased volume discharge from TCTA was not mobilising immediately and rather settling into the river sediments.
- S. Sidu said that pumping at Grootvlei had ceased in 2009/2010 allowing a good number of years for sediments/salts to settle out of the water but now that pumping had commenced again, perhaps the settled sediments were being agitated resulting in elevated Sulphate.
- S. Tiale said that they had not experienced any elevated Sulphate levels at TCTA so it was unlikely that the increased levels in Sulphate levels were as a result of activities at TCTA.
- M. de Fontaine added that due to higher volumes of discharge from TCTA, contaminated sediments in dams or wetlands were possibly being mobilised resulting in increased Sulphate levels.
- M. Liefferink said that the water quality results received from TCTA, via Bashan Govender, for the TCTA discharge into the eastern basin indicated Sulphates levels between 1280 and 1460mg/L for the period 16 to 31 October 2016. M. Liefferink asked if the river was diluting the TCTA discharge.

- M. Liefferink also suggested that illegal mining activities, Tailings Storage Facility (TSF) seepage or wind blow contaminants could be resulting in an increase in Sulphate downstream of B16.
- J. Van Wyk said that there was no exact answer to Mariette's question however J. van Wyk said that the main concern of the Forum members was to figure out what happened to the Sulphate coming from mine discharges into the eastern basin. J. van Wyk confirmed that there were irregularities in the water quality results in this regard, which could possibly be as a result of mobilising sediments.
- J. van Wyk said that he would conduct a desktop investigation of Sulphate in the catchment in order to try and find explanations as to why Sulphate levels had elevated rapidly.
- J. van Wyk added that there were scheduled releases from the Vaal Dam as well as WWTW discharges etc. which often made it difficult to pin point a possible source.
- P. Khwinana asked if J. van Wyk would be able to present his findings of the desktop study at the next Forum meeting.
- J. van Wyk said that he could not commit to a date but that he wanted to try and complete his study in the first half of the year.
- M. Liefferink suggested that illegal mining could be contributing to the Sulphate elevations and further suggested that the DMR also further investigate the matter.
- M. Liefferink also asked if Rand Water monitored at different time of day.
- M. de Fontaine confirmed that Rand Water did monitor at different times of day.
- M. de Fontaine said that in his opinion the contributions of sulphate into the system as a result of illegal mining were negligible.

E.coli

- M. de Fontaine said that although the E.coli counts were still not acceptable there had been a significant improvement in E.coli counts when compared to the E.coli counts of the previous years.
- M. de Fontaine said that B10, S1 and S2 were the termination points of the catchment.
- M. de Fontaine said that there was better water quality flowing in to the Suikerbosrant below Balfour.
- However, M. de Fontaine said that the water quality at B10 and S1 still needed further improvement.

Water Hyacinth

- M. de Fontaine said that the Alexander Dam had been cleaned up well however, there is a concern regarding the amount of hyacinth growing in the Jan Smuts Dam. M. de Fontaine said that the Jan Smuts Dam was almost completely covered with hyacinth.
- M. de Fontaine asked A. Maurizi if she had any insights as to whether there was any machinery available to remove the hyacinth or whether there was availability of funds and/or technology to clean the Dam.
- A. Maurizi said that all procedures related to the cleaning/maintenance of dams was under the jurisdiction of EMM Environmental Department. A. Maurizi said that she would raise the problem with Christopher, who was the responsible person, and request Christopher to attend the next Forum meeting to provide feedback in this regard.
- A. Maurizi said that DWS would need to provide Christopher with a brief of what he would need to present to the Forum.
- P Khwinana requested J Madisha to note the comment for action by DWS.
- M Tshabalala raised concerns about the E.coli levels within the Vaal system and said that what was discharged upstream impacted downstream users. M. Tshabalala said that there had been photographs of possible sewage flowing in the Klip River. M.

	<p>Tshabalala said that what was occurring upstream in the Blesbokspruit was impacted the Rietspruit downstream.</p> <ul style="list-style-type: none"> • P Khwinana said that that issue was largely associated with the Klip River and should be raised at the Klip River Forum.
9	<p>Solid Waste Management</p> <ul style="list-style-type: none"> • Mr P. Khwinana announced that Mr T. Pather had retired and that a new official still needed to be appointed to replace him.
10	<p>Government Departments Report Back (5-minutes)</p>
10.1.	<p>GDARD</p> <ul style="list-style-type: none"> • GDARD representatives were not present at the Forum meeting however Z. Gebhardt presented feedback received prior to the meeting from GDARD. The feedback was as follows: • Environmental Impact Assessment (EIA) reviews: no new EIA applications for the Blesbokspruit catchment were received. • REMP Upper Vaal: monitoring for the Upper Vaal was conducted on the 16th and 17th November 2017 and the next monitoring would be conducted on the 21st and 22nd of February 2018. • Blesbospruit removal from the monthly record: the process was underway and the final document was anticipated to be ready at the end of April 2018. • Reed management: funds were approved for reed spraying (only at Marievale Bird Sanctuary (MVBS)). GDARD planned to cover 200 ha and the reed spraying plans would be presented to MVBS management committee for approval. • AMD eastern basin plant: Invitation was sent to TCTA to attend the Forum meeting. • Gauteng environment outlook report: B. Mashau communicated with GDARD colleagues responsible for the report; unfortunately they were not able to attend the Forum meeting. The remaining Forum meetings dated had been forwarded to them so that they could indicate their availability to attend the Forum. • M. de Fontaine said that he had spoken to GDARD about presenting the State of the Environment report to the Forum, however GDARD said that they had sourced all the information contained in the report from DWS, and that DWS should therefore present the report to the Forum. • A. Barker said that is was ironic that GDARD wrote the report and yet they did not want to present it to the Forum members. A. Barker suggested that the best solution was to obtain the report from GDARD and then circulate it amongst Forum members. • Furthermore A. Barker suggested that a separate meeting be held with all relevant catchment Forums and stakeholders in order to discuss and present the Provincial water security plans. • J. Van Wyk said that there was a Master Plan and Reconciliation Strategy in place and that there was already an associated committee including all relevant stakeholders where the strategy was discussed and the progress of implementation of the strategy was monitored. However, J. van Wyk added that the committee had not met for the last few months due financial constraints. • J. Van Wyk added that the Department had appointed specialists to assist them with the maintenance of the strategy and that there would be a meeting scheduled for the month of February where stakeholders, municipalities and communities could sit and report on the progress with regards to implantation of the strategy. • P. Khwinana asked if the meeting was open to everyone. • J. Van Wyk said that it was not an open Forum and that most of the parties who attended the meeting had responsibilities with regards to the implementation of the strategy.

- A. Barker said that it was great to hear that the Department was taking action with regard to Provincial water security however A. Barker added that local and provincial government, businesses and investors also needed to be involved and be part of the strategy.
- J. Van Wyk suggested that DWS GP region invite Mr S. Rademeyer to the Forum in order to present the plans and strategy for the Vaal system to Forum members.
- J. Van Niekerk said that the strategy was very important to members of the Forum (i.e. stakeholders and businesses) and that there should be discussions between stakeholders and the Department to address the issues of water quality and security.
- J. Van Niekerk added that Karan Beef had had a challenge in 2016 where the river which supplied their farm with water was at its lowest and that Karan Beef had made attempts to communicate with DWS in this regard but they had been unsuccessful.
- M. Liefferink said that she had been part of the reconciliation steering committee of the Vaal and that she has a strategy report which was prepared in 2014 and that it said that the Lesotho Highland Water Strategy (LHWS) phase 2 needed to be constructed by 2020. However, the timeframe had since been shifted to 2025. M. Liefferink added that the AMD desalination plants were only due to be constructed by 2022. M. Liefferink asked if there has been an update to the strategy.
- J. Van Wyk said that the Department had appointed consultants in January to assist with the updating of the strategy and that the next committee meeting had been scheduled regarding the update of the reconciliation strategy. J. van Wyk said that he would ensure that the FSE was invited to the meeting.
- P. Khwinana asked if there would be a new reconciliation strategy.
- J. Van Wyk said that it would be the same strategy but an updated version. J. van Wyk said that the strategy should be updated annually and that the Department had unfortunately struggled to obtain external specialist input and thus the strategy had not been updated. However, J. van Wyk said that this had now been rectified so that the strategy could be updated.
- S. Sidu said that the one CMA wouldn't assist in managing water security in the province or country.
- P. Khwinana said that the CMA would be discussed under Section 10.3.2.

10.2

Dept. Mineral Resources

J. Sekgale presented a environmental authorisation application status update, which was as follow:

- DMR had received an application for the EDM Project last year, which was still being considered.
- Three Anglo American applications for coal mining had been received.
- Application for repairing of a TSF and associated activities had been receive from NKGM.
- All the applications received were still being considered by the DMR.
- The DMR would compile a list of all mining right applications within the catchment and represent it at the next Forum meeting.
- J. van Wyk asked if authorisation to undertake mining activities had been granted to Largo Colliery.
- J. Sekgale said that there was an existing mining right at Largo Colliery and that they were currently mining.
- J. van Wyk asked if Largo Colliery had a WUL.
- P. Maphakela said that Largo Colliery did have a WUL, which was issued last year.
- J. van Wyk said that he was concerned that Largo Colliery was a large coal mine, which was located over an existing historical gold mine.

- P. Maphakela said that she recalled that when the WULA was being processed there were concerns regarding groundwater that were raised by the civil engineer. P. Maphakela said that she would go back and check.
- J. van Wyk said that he would discuss it with her after the meeting.
- M. Liefferink said that the FSE had raised concerns with regard to the Anglo American application and that they had not received any feedback from the DMR. M. Liefferink said that the FSE also had concerns regarding HVH Mining, who were reported to have constructed a bridge that was blocking the flow of water to a wetland. The FSE also suspected that HVH Mining were illegal mining activities.
- J. Sekgale responded that a site investigation had been conducted by the DMR and DWS last year however, following that no directive had been issued for that investigation and that there had not been any follow up site investigation.
- Z. Gebhardt added that there had been an attempt to conduct a site visit at the mine however the DMR and DWS officials were not able to access the wetland/bridge area as a result of illegal miners in the area. Z. Gebhardt said that HVH Mining had reported that they were not actively mining and that they were only running a plant, which processed materials from external parties.
- A. Barker said that the processing of those materials should also require the use of water and that the mine should therefore have a WUL.
- Z. Gebhardt said that HVH Mining had stated that they were using Municipal water to run their plant.
- It was agreed that DMR and DWS should engage with one another and perhaps involve the SAPS, in order to safely conduct a follow up site inspection at the mine.
- M. Liefferink said that the FSE had lodged a complaint with the DMR last year and that they had still received no feedback.
- J. Sekgale said that the DMR would provide feedback once a follow up site visit was conducted.
- J. Van Wyk added that DMR had a committee that dealt with matters relating to illegal mining activities and J. van Wyk suggested that perhaps the committee could be requested to assist. J. van Wyk also recommended that DWS engage with B. Govender, who was part of the task team that dealt with such cases.

10.3. **Dept. Water & Sanitation**

10.3.1 **AMD Eastern Basin Update (TCTA)**

S. Tlale provided an update on TCTA operations, which was as follows:

- TCTA was working on their water quality report which would be presented in the next Forum meeting.
- TCTA was working towards releasing 2500 ML, however the eastern basin plant still released less than 2000 ML which was problematic.
- Since the start of the operation of the Plant, the Plant had not been performing well and was only managing to treat a capacity of up to 54 ML per day.
- The process of procuring a service provider, to help implement the long term solution, was almost complete. The implementation of the long term solution required the engineering team to commence with work.
- EIA: the specialist had been appointed for mine consulting however; nothing had been done as of yet and TCTA would have to consult with the DEA. S. Tlale said that she would update the Forum after engagement with the DEA.
- M. Liefferink thanked S. Tlale for the presentation however raised concerns with regard to the Environmental Impact Assessment. M. Liefferink reiterated the concerns raised by Karan Beef and said that any sulphate concentration over 200 mg/l would suppress

	<p>selenium in cattle, which therefore reduced fertility. M. Liefferink said she was not aware what impact elevated sodium would have on cattle.</p> <ul style="list-style-type: none"> • M. Liefferink added that Digby Wells had undertaken a study of how TCTA could dispose of their sludge, as it was currently being placed back into the Grootvlei shaft. • S. Tlale responded as said that the shaft deposition was a pilot project. • J. van Wyk said that the elevated sulphate problem needed to be further investigated, however the TCTA plant was running better than expected and that the Blesbokspruit would be far worse off without the TCTA plant. • P. Khwinana requested that M. Liefferink and S. Tlale summarise their comments and email them to DWS.
10.3.2	<p>Catchment Management Agency (CMA) Process</p> <ul style="list-style-type: none"> • P. Khwinana announced that the proposal for the establishment of a single CMA had been gazetted on the 15th of December 2017 and it would be open for public comments for 60 days and that the members of the Forum could address their comments through to this email address: SigwazaT@dws.gov.za. • M. Liefferink said that Chapter 7 of the National Water Act (NWA) stated that CMAs were to be established for the decentralisation of Water Management Areas (WMAs). However, amalgamating the 9 CMAs into 1 CMA would centralise the Water Management Areas, which was the opposite of the NWA. • M. Liefferink added that the objective of the decentralisation of WMAs was to give communities and civil societies an opportunity to be part of catchment decision-making processes but combining the CMAs into 1 would take away the opportunity for stakeholders and communities to be part of the decision-making processes.
10.3.3	<p>Compliance Monitoring & Enforcement (CME)</p> <ul style="list-style-type: none"> • There was no feedback for both Compliance Monitoring and for Enforcement. Ms T. Makhari was the new enforcement officer for Suikerbosrand. • T. Valakazi commented that there was no feedback from Head Office. T. Valakazi requested that stakeholders report catchment issues to Head Office and not only Provincial office.
10.3.4	<p>Water Services Regulation</p> <ul style="list-style-type: none"> • No representative was present at the catchment Forum meeting.
10.3.5	<p>Water Use Licence Status</p> <ul style="list-style-type: none"> • P. Maphakela explained that there had been changes to the system and structure of the Directorate. • P. Maphakela said that a new system for licence applications had been introduced at the Department and that all new applications would now be submitted through an online application system called Electronic Water Use Licence Application and Authorisation System (eWULAAS). • P. Maphakela said that there were new people within the section who would be dealing with all new applications submitted via eWULAAS. • P. Maphakela said that the Department was still busy dealing with a backlog of old applications which had not yet been processed. • A status list of both new and old licence application would be compiled and send to M. de Fontaine to upload onto the reservoir website. • An official from Head Office would be invited to the Forum to present an overview of eWULAAS and how it operated. • DWS had received outstanding information from Enstra Paper and NKGM.

11	Local Authorities Report (5-minutes)
11.1	Ekurhuleni Metropolitan Municipality (EMM) <ul style="list-style-type: none"> No further feedback.
11.2	Lesedi Local Municipality <ul style="list-style-type: none"> No representative was present at the Forum meeting.
12.	Organisations Report Back (5-minutes)
12.1	ACSA <ul style="list-style-type: none"> L. Kekana reported that there had been a complaint received from a local resident regarding pollution in a stream just outside the airport. L. Kekana said that investigations had been conducted and that a report regarding the investigation had been compiled and sent to management. M. Dlamini was dealing with the incident, but was unfortunately not able to attend the Forum meeting to provide further feedback.
12.2	Comet Abattoir <ul style="list-style-type: none"> No representative was present at the Forum meeting.
12.3	EBM Projects (Zincor) <ul style="list-style-type: none"> No representative was present at the Forum meeting.
12.4	Enstra Paper <ul style="list-style-type: none"> Enstra Paper had submitted outstanding information to DWS for their WULA. There had been heavy rains, which led to a pollution incident at the site. A report had been drafted and it would be sent to DWS.
12.5	Enviroserv <ul style="list-style-type: none"> No feedback.
12.6	Ergo <ul style="list-style-type: none"> No feedback.
12.7	ERWAT <ul style="list-style-type: none"> G Hefer provided an updated about the projects that ERWAT are currently busy with: Plans were underway to upgrade Anchor WWTW and Tsakane WWTW.
12.8	Gold Plat <ul style="list-style-type: none"> No representative was present at the Forum meeting.
12.9	Great Basin Gold / Wits Gold <ul style="list-style-type: none"> No representative was present at the Forum meeting.
12.10	Ilangabi Investments (Brikor Mine) <ul style="list-style-type: none"> JC. la Grange said that Ilangabi investments conformed to an approved Environmental Management Programme (EMP) and that they continually monitored dust, groundwater and surface water. There were not any anomalies or issues to report.
12.11	Impala Platinum

	<ul style="list-style-type: none"> • C. Burger said that they were concerned that their amendments, which were submitted in 2011/2012, were still in the system and that they had not received feedback from DWS. • P. Maphakela said that the licence also needed to be reviewed and that she would discuss the matter further with them after the meeting.
12.12	<p>Karan Beef</p> <ul style="list-style-type: none"> • B. OLckers reported that the Balfour WWTW had not been working for the previous year due to a stolen electrical cable, which had resulted in a power cut at the plant. • Karan Beef have enquired about the issue but there do not seem to be any plans to fix the problem. • The plant at Balfour was last upgraded in 1996, and now the construction of approximately 6000 houses has been planned for the area. Karan Beef are concerned about how those houses will be accommodated in terms of waste collection/treatment. • B. OLckers said that the water quality was very good at Heidleberg and they were happy with the activities at ERWAT. • B. OLckers added that news had been circulating regarding a pollution incident at Heidleberg however Karan Beef had not seen any such pollution. • B. OLckers mentioned that Karan Beef did not breed cattle and therefore the sulphate levels could be pushed up to 600mg/l, in respect of M. Liefferink's comment. • Karan Beef recorded their highest level of Sulphate in January this year, which was 22% higher than that of the previous reading and it measured approximately 400mg/l. • B. OLckers said that the sulphate level was not at a critical stage yet however it was moving towards critical. • P. Khwinana said that the issue of Balfour WWTW needed to be directed to CME for investigation. • A. Barker said that the Balfour WWTW problem had been going in circles for years and that nothing had been done about it. A. Barker added that the Municipality was reluctant to act and that DWS should be taking responsibility and prosecuting the Municipality. • T. Valakazi said that Enforcement primarily dealt with illegal activities and unauthorised licences however, they would be able to escalate the matter. • J. Van Niekerk said that the Balfour issue had been investigated before and there was therefore no need to start a new investigation but rather to resume the investigation using the existing reports. • P. Khwinana promised to forward the Balfour issue to Dr Khorrombi for further intervention. • M. Liefferink mentioned that SAVE have tried to take the Municipality to court and the Municipality had ignored the court interdict due to a lack of funds, adding to that, she said the NGOs needed to take the Minister of DWS and Minister of DEA to court if these issues remained unaddressed.
12.13	<p>Kimberly-Clark</p> <ul style="list-style-type: none"> • There will be a workshop to discuss the future of water scenarios and local stakeholders and some of the Forum members such as EMM, Impala Platinum and Enstra Paper had been invited to the Forum. • P. Khwinana requested that all members of the Forum be invited. • S. Dlamini said that she would invite the other Forum members.
12.14	<p>Largo/Ukufisa Colliery</p> <ul style="list-style-type: none"> • No representative was present at the Forum meeting. An update provided to DWS was read by Z. Gebhardt, which was as follows:

	<ul style="list-style-type: none"> Official commencement date for Ukufisa had not yet been confirmed and Canyon Coal was busy with their WULA, as well as addressing comments received from the DMR for the Palmietkuilen mining right application.
12.15	<p>Lonmin</p> <ul style="list-style-type: none"> No representative was present at the Forum meeting.
12.16	<p>Mpact Paper</p> <ul style="list-style-type: none"> No representative was present at the Forum meeting.
12.17	<p>New Kleinfontein Goldmine (NKGM)</p> <ul style="list-style-type: none"> S. Sidu requested that Sibanye Stillwater be invited to the next Forum meeting. NKGM have submitted a WULA to for the extension of their Life Of Mine. There are other envisaged operations introduced, such as GEDEX project.
12.18	<p>Sappi</p> <ul style="list-style-type: none"> No representative was present at the Forum meeting.
13	<p>NGO's / Other Report Back</p>
13.1	<p>Gauteng Wetland Forum</p> <ul style="list-style-type: none"> No representative was present at the Forum meeting. M. de Fondaine presented the dates for the Gauteng Wetland Forums meetings, which were as follows: <ul style="list-style-type: none"> 23 February 2018 25 May 2018 31 August 2018 23 November 2018
13.2	<p>Grootvaly Blesbokspruit Trust</p> <ul style="list-style-type: none"> P. Gandu reported that there was raw sewage at the left entrance of the training centre, which was coming from an open drain across the road. The incident had been reported to EMM however nothing had been done. P. Gandu furthermore asked if there was any other way of reporting the pollution incident. A. Maurizi responded and said that there was no EMM water and sanitation section operating in the Civic Centre. A. Maurizi therefore recommended that they call the EMM call centre and request a reference number when reporting the pollution incident. A. Maurizi said that calls were monitored on a weekly basis and incidents could therefore be logged and monitored against action timeframes. A. Maurizi said that she would follow up on the complaint and log it against P. Gandu's name. A. Maurizi said that there were also offices in various places where stakeholders could report incidents, one of them was in Springs and it operated from 07h00 – 15h30. P. Khwinana thanked Grootvaly Trust for accommodating Forum members in their venue.
14	<p>Pollution Incidents Noted / Reported</p> <ul style="list-style-type: none"> P. Gandu reported that there was raw sewage at the left entrance of the training centre and it was coming from an open drain across the road. M. Liefferink reported that there was an overflowing manhole just as one entered Springs at the Nandos and that there was a sign written 'Metro Police' above it.
15	<p>Discussions of the Additions to the Agenda</p>

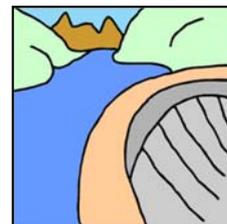
15.1	<p>Workshop for the Klip River Catchment</p> <ul style="list-style-type: none"> • A. Barker announced that there would be a workshop hosted by CSIR which would focus the improvement of water security for Klip River residents and businesses. The workshop would also focus on the use, re-use and conservation of water. Details for the workshop were as follows: <p>Venue: Lido Hotel Date: 09 February 2018 Time: 10h00</p>
15.2	<p>DWS Master Plan</p> <ul style="list-style-type: none"> • J. Van Wyk presented an update on the National Water Resource Strategy, which was as follows: <ul style="list-style-type: none"> – The plan consisted of three volumes. The first volume consisted of the call for action, which was a summary document. – Volume 2 consisted of the plan of action, which was the basis of the plan. – Volume 3 consisted of the schedule of actions. • The plan was available on the DWS website and members of the Forum were encouraged to comment as soon as possible, adding to that he said the idea was to submit the final draft by mid-March 2018. • M. Liefferink asked if the draft had been corrected, as it confused civil society. • J. Van Wyk commented that newer additions of the draft had been uploaded on the website and comments could also be added there.
15.3	<p>Overview of the South African Water Caucus (SAWC) Report Findings</p> <ul style="list-style-type: none"> • M. Liefferink presented the SAWC report summary and the summary highlighted the following issues: <ul style="list-style-type: none"> – There were ±900 open employment positions at DWS and this statistic had been presented at the portfolio committee by the Department. – With regard to financial management, irregular and wasteful expenditure, DWS had over spent a sum R1.5 billion and the Department also owed the reserve bank R1.9 billion. – There had been several allegations of corruption against DWS, particularly in relation to LHWS. The corruption allegations were with regard to the irregular appointment of LTE consulting without following proper tender processes. – There were no Water Quality Strategies for most WMAs. The Water Quality Strategy for the Vaal was outdated and was last done in 2009. – An announcement by the previous Minister to discontinue Water Tribunals, which would be replaced by a new administrative dispute resolution mechanism. – There were only 35 CME inspectors available in South Africa (i.e. blue scorpions). – Blue drop and Green drop reports had not been published since 2013, which meant that South Africa was unaware of its water quality status. • M. Liefferink said that the full report of the SAWC could be distributed to the Forum members so they wish to read it.
15.4	<p>Independent Research Study on the Blesbokspruit</p> <ul style="list-style-type: none"> • S. Sidu said that there had been a complaint about foam in the Blesbokspruit River last year, which had led to an interest in researching AMD discharge within the Blesbokspruit with respect to the biological state of the river. • Samples had been taken by the biomedical technology department from University of Johannesburg

	<ul style="list-style-type: none">• S. Sidu would update Forum members with an update at the next Forum meeting.
16	Next Meeting <ul style="list-style-type: none">• Date of next meeting: 10 May 2018• Venue: Grootvaly Training Centre, Springs
17	Closure <ul style="list-style-type: none">• The chairperson thanked everyone in attendance.

BLESBOKSPRUIT FORUM MEETING ACTION LIST

Date: 08 February 2018

Time: 10:00



NO	ACTION	ACTION BY	TIME FRAMES	PROGRESS
1	Ms B. Nakene to update the report on point 09 and send to M. de Fontaine to upload on the reservoir website (Water quality report indicates "No flow")	Betty Nakene	Before the next forum meeting	Unknown
2	Ms A. Maurizi to engage with Enstra Paper to get alternative route to springs past Cowles Dam to get samples since there was no access due to illegal miners blocking the road.	AnaMarie Maurizi	Before the next forum meeting	Unknown
3	J. Van Wyk to make a desktop investigation of sulphate to find explanations to why Sulphate levels have elevated and also to find out what happens to the sulphate discharge from the mines.	Jurgo van Wyk	Not specified	Unknown
4	DWS to invite Christopher from EMM to the next forum meeting to make a presentation about (i.e. removal of water hyacinth, budget and machinery). DWS to brief him on what to report about.	Phylis Maphakela	Before the next forum meeting	Unknown
5	GDARD to conduct monitoring for REMP Upper Vaal on the 21 st and 22 nd of February 2018 and present the results in the next forum meeting	Tebogo Nkadimeng	Before the next forum meeting	Unknown
6	DWS GP region to invite Mr S. Rademeyer to the forum to present the plans and strategy for the Vaal system	Phylis Maphakela	Before the next forum meeting	Unknown
7	DMR to compile a list of all applications received by the Department for Mining rights and report in the next forum meeting.	Jimmy Sekgale	Before the next Forum meeting	Unknown
8.	DMR and DWS to conduct a follow up investigation for HVH Mine regarding blockage of flow to the wetland and suspected undertaking of illegal mining activities	Phylis Maphakela/ Jimmy Sekgale	Not confirmed	Unknown
9.	P. Maphakela to compile a list of all new and old Water Use Licences and email to	Phylis Maphakela	Before the next	Unknown

NO	ACTION	ACTION BY	TIME FRAMES	PROGRESS
	M. de Fontaine to update on the reservoir website.		Forum meeting	
10.	DWS to make follow up on previous Balfour WWTW investigation reports and take legal actions	CME	Not confirmed	Unknown
11	B. Nakene to request Lesedi to attend the next forum meeting	Betty Nakene	Before the next Forum meeting	Not yet complete