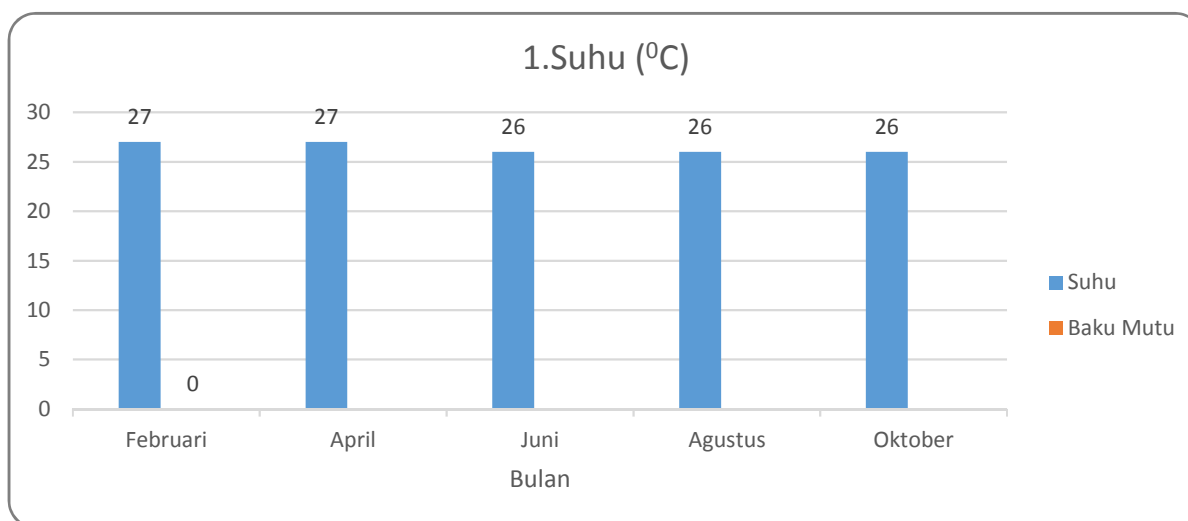
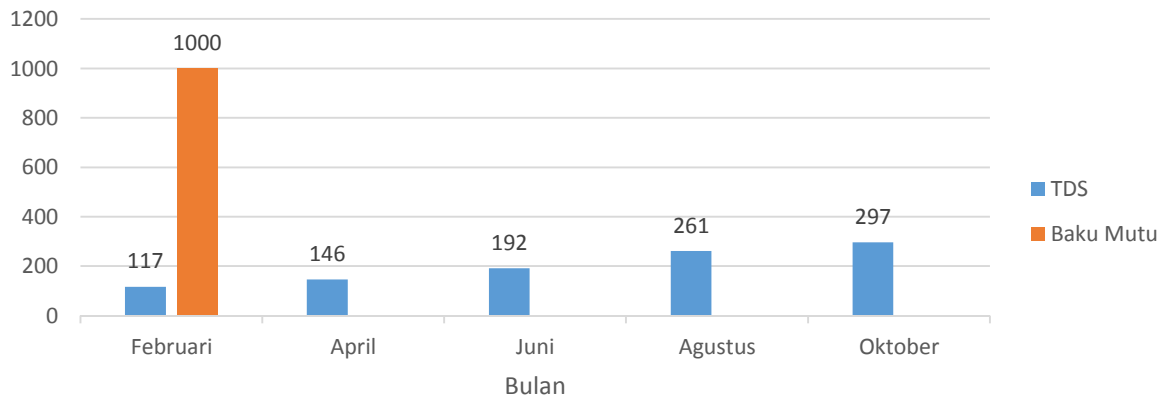


**LAPORAN HASIL PENGUJIAN**  
**LABORATORIUM MIPA UNIVERSITAS SEBELAS MARET**  
**Pos Kualitas Air Lumbang 2011 - S.Pusur**

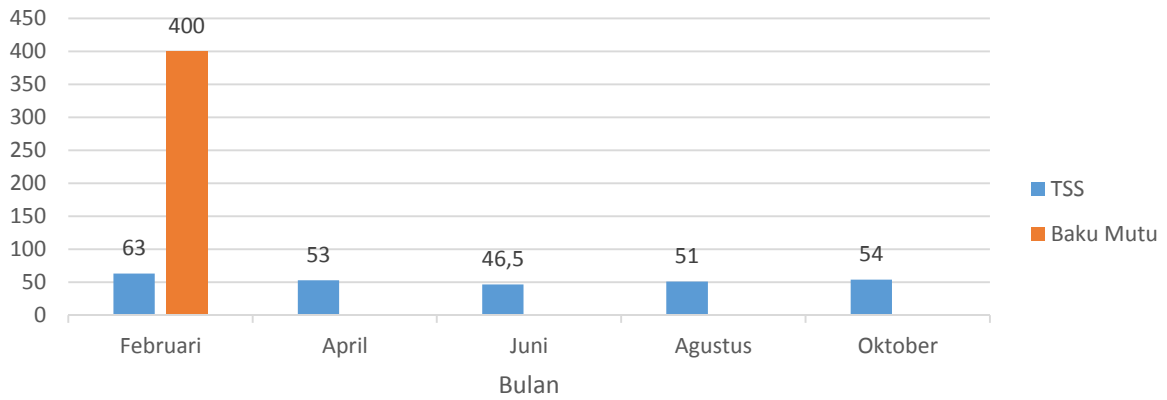
| No | Parameter        | Satuan       | Bulan    |         |         |         |         | Baku Mutu |
|----|------------------|--------------|----------|---------|---------|---------|---------|-----------|
|    |                  |              | Februari | April   | Juni    | Agustus | Oktober |           |
| 1  | Suhu             | °C           | 27       | 27      | 26      | 26      | 26      | 0         |
| 2  | TDS              | mg/L         | 117      | 146     | 192     | 261     | 297     | 1000      |
| 3  | TSS              | mg/L         | 63       | 53      | 46,5    | 51      | 54      | 400       |
| 4  | DO               | mg/L         |          |         |         |         |         | 3         |
| 5  | pH               | mg/L         | 7,05     | 7,37    | 7,62    | 7,85    | 7,73    | 9         |
| 6  | Fe               | mg/L         | 2,362    | 0,23    | 0,167   | 0,22    | < 0,006 | 1         |
| 7  | Mn               | mg/L         | 0,039    | 0,034   | 0,017   | < 0,001 | 0,271   | 1         |
| 8  | Cd               | mg/L         | < 0,002  | < 0,002 | < 0,002 | < 0,002 | < 0,002 | 0,001     |
| 9  | Zn               | mg/L         | 0,018    | 0,011   | 0,248   | 0,028   | 0,03    | 0,05      |
| 10 | Pb               | mg/L         | < 0,005  | < 0,005 | < 0,005 | < 0,005 | < 0,005 | 0,03      |
| 11 | Cu               | mg/L         | < 0,004  | < 0,004 | < 0,004 | < 0,004 | < 0,004 | 0,02      |
| 12 | Cr <sup>6+</sup> | mg/L         | < 0,003  | < 0,003 | < 0,003 | < 0,003 | < 0,003 | 0,05      |
| 13 | Nitrat           | mg/L         | 4,671    | 1,551   | 1,07    | 1,531   | 0,901   | 20        |
| 14 | Nitrit           | mg/L         | 0,039    | 0,044   | 0,049   | 0,026   | 0,054   | 0,06      |
| 15 | NH <sub>3</sub>  | mg/L         | 0,302    | 0,052   | 0,079   | 0,108   | 0,376   | 1         |
| 16 | PO <sub>4</sub>  | mg/L         | 0,423    | 0,221   | 0,079   | 0,285   | 0,442   | 1         |
| 17 | COD              | mg/L         | 47,26    | 19,89   | 6,86    | 8,89    | 20,74   | 50        |
| 18 | BOD              | mg/L         | 14,38    | 7,26    | 4,43    | 3,1     | 7,1     | 6         |
| 19 | Cl               | mg/L         | 5,4      | 3,32    | 20,99   | 15,5    | 27,87   | 1         |
| 20 | Minyak & Lemak   | mg/L         | 9        | 14,75   |         |         | 3,1     | 6         |
| 21 | Sulfida          | mg/L         | 0,034    | 0,037   | 0,011   | < 0,007 | < 0,007 | 1         |
| 22 | Total Kolifom    | jml / 100 mL |          |         |         |         |         | 2400      |



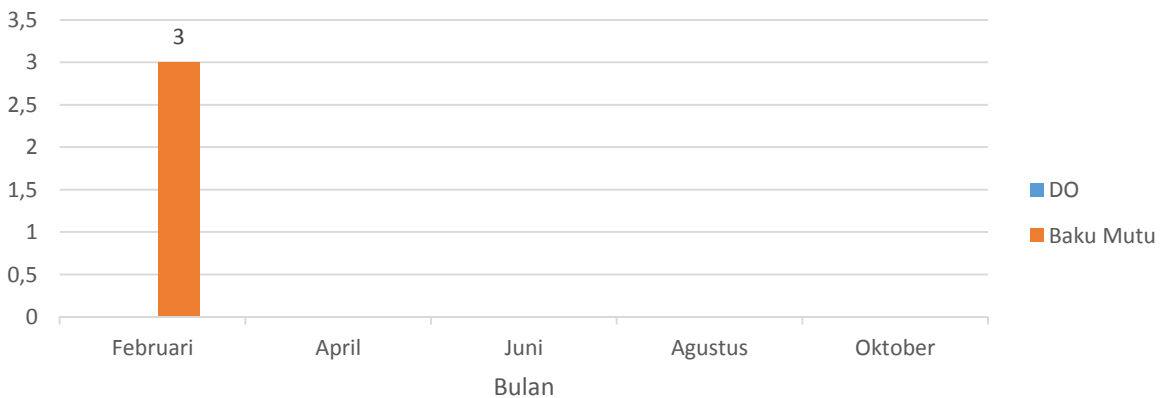
### 2.TDS (mg/L)

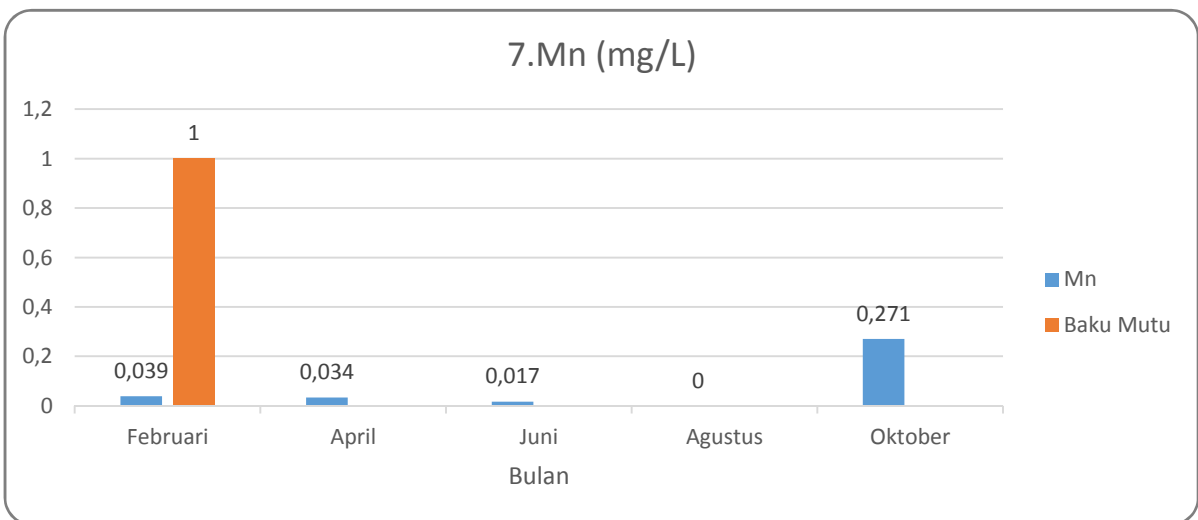
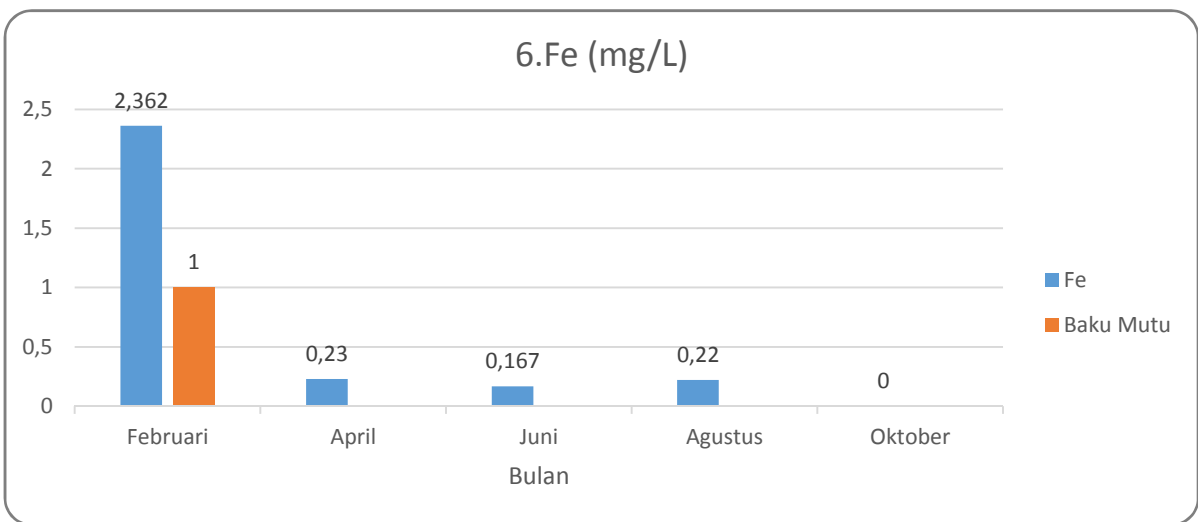
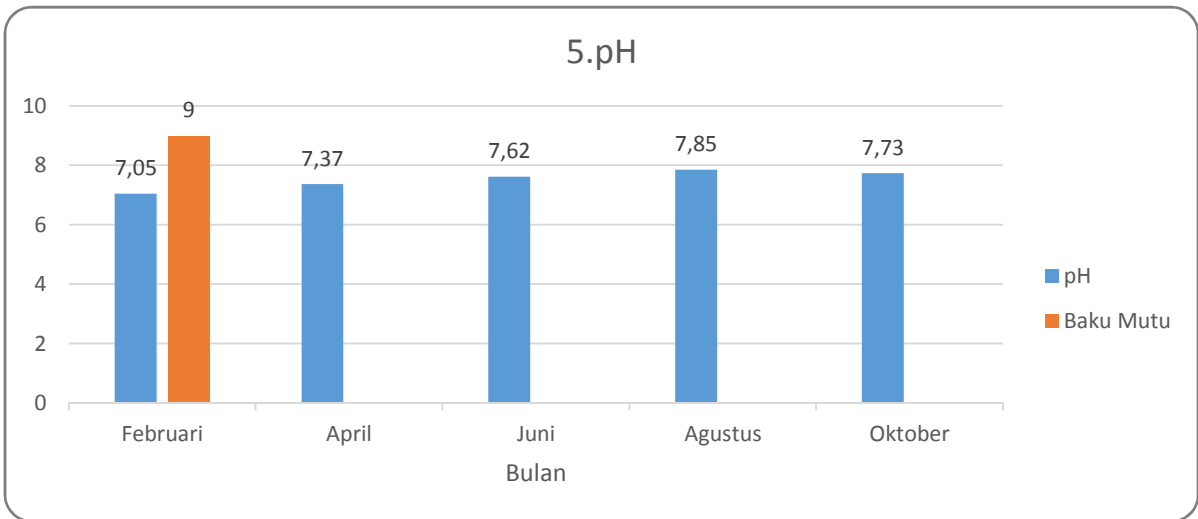


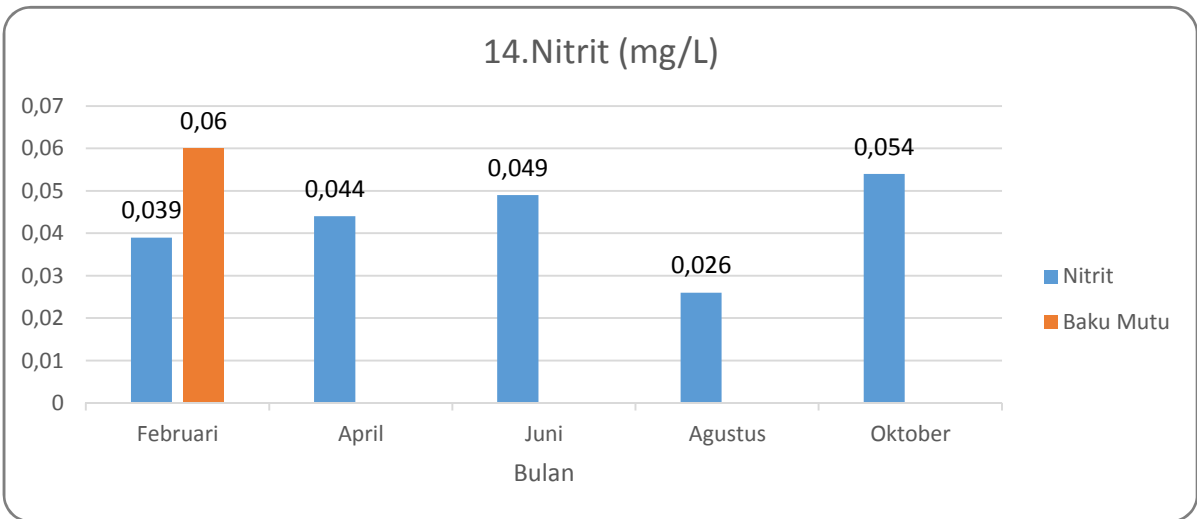
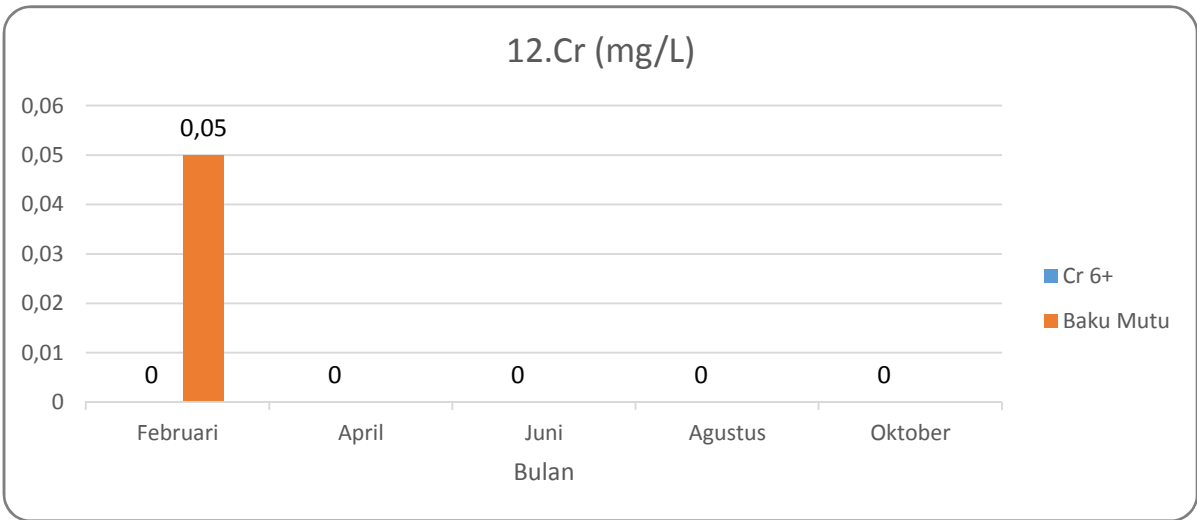
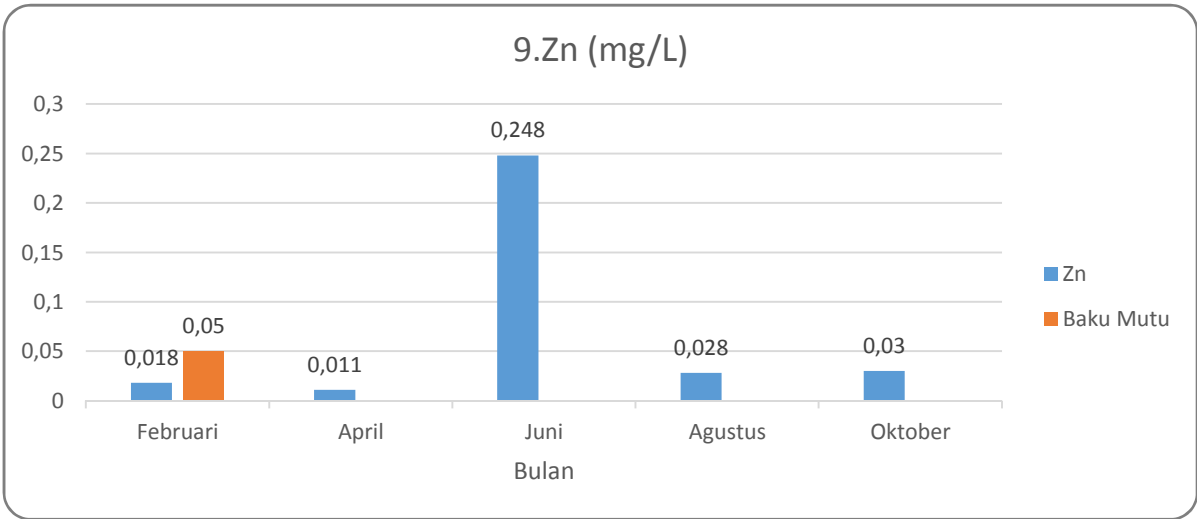
### 3.TSS (mg/L)



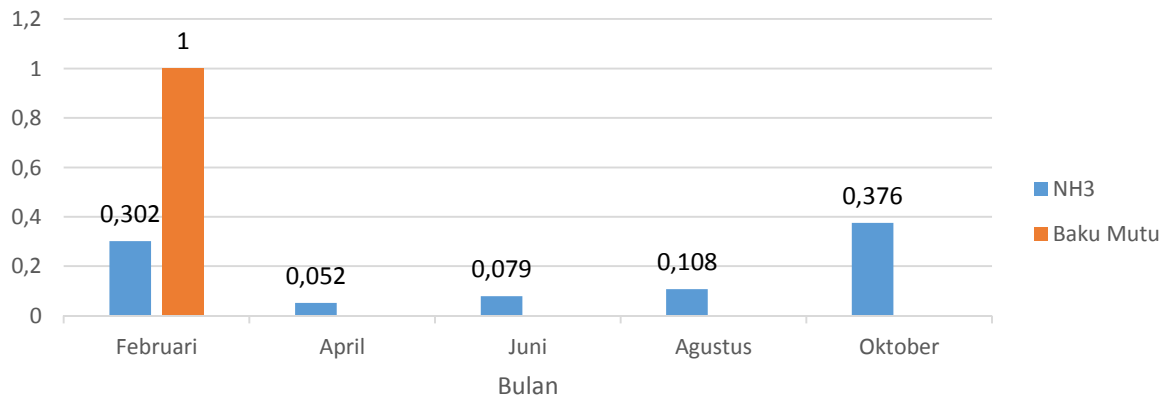
### 4.DO (mg/L)



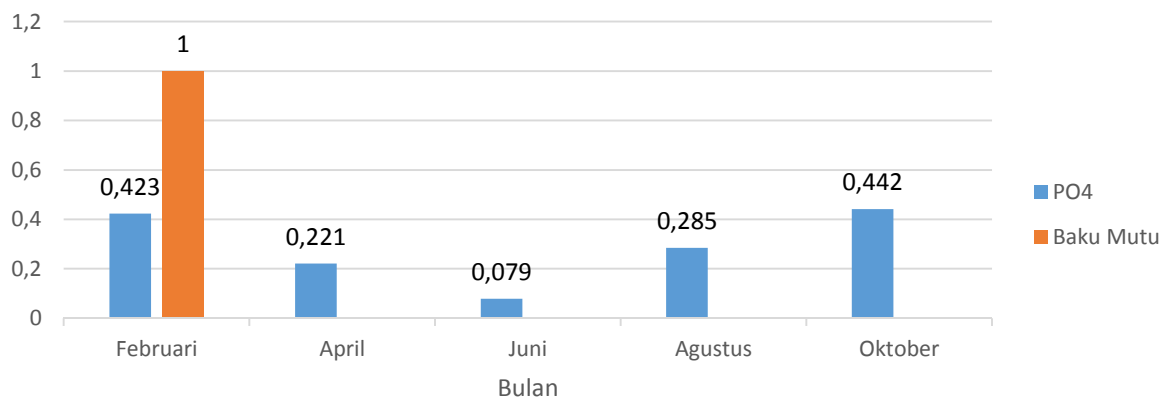




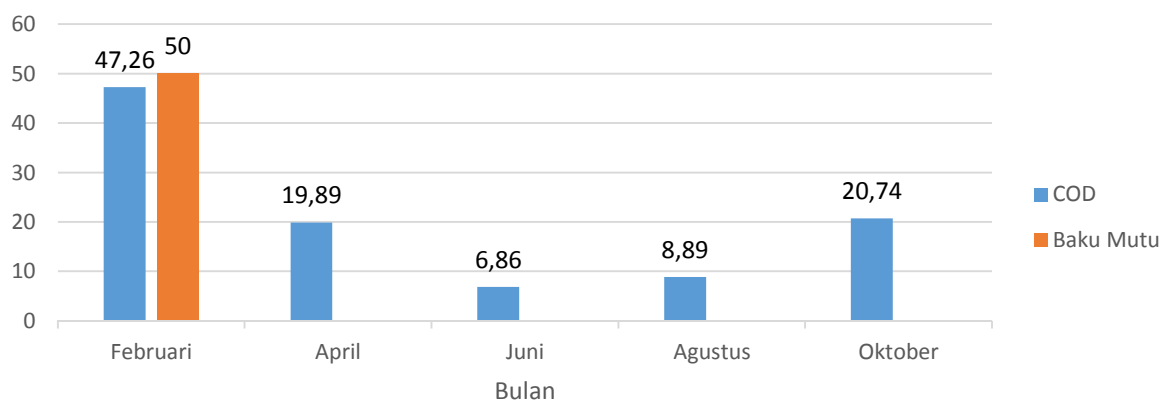
15.  $\text{NH}_3$  (mg/L)



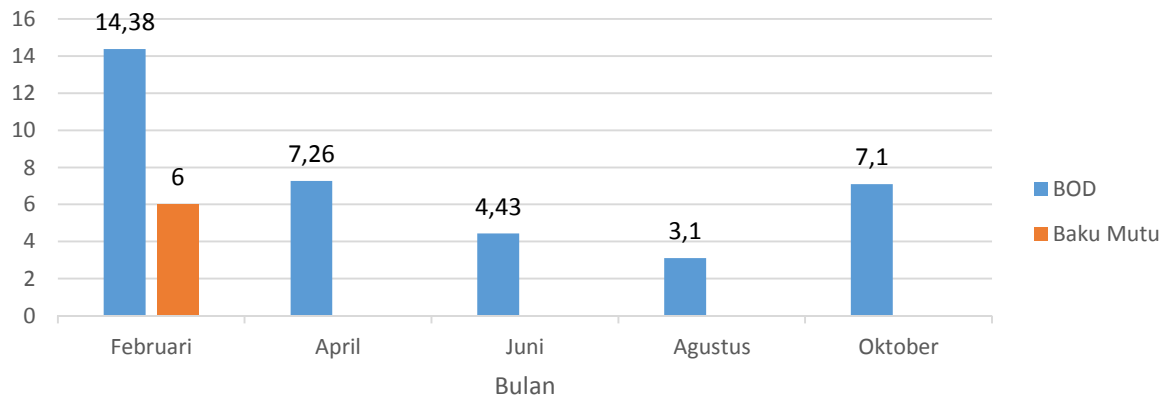
16.  $\text{PO}_4$  (mg/L)



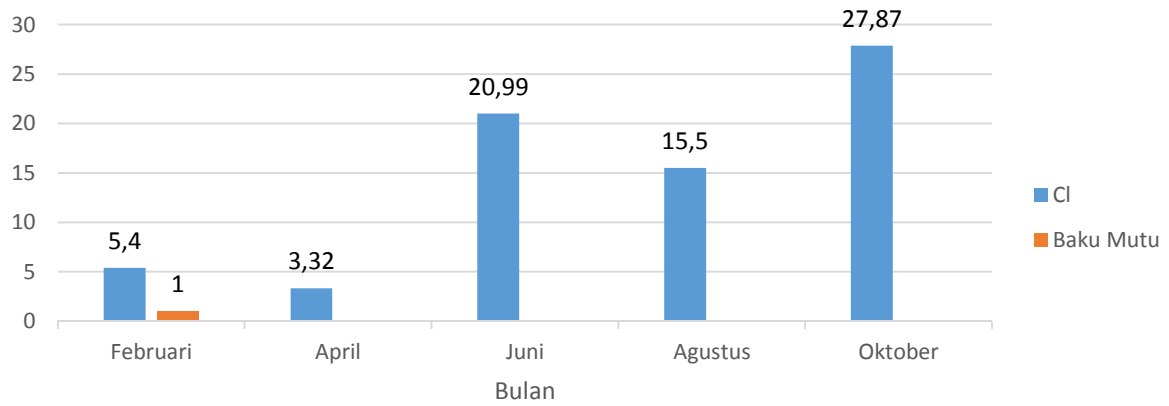
17. COD (mg/L)



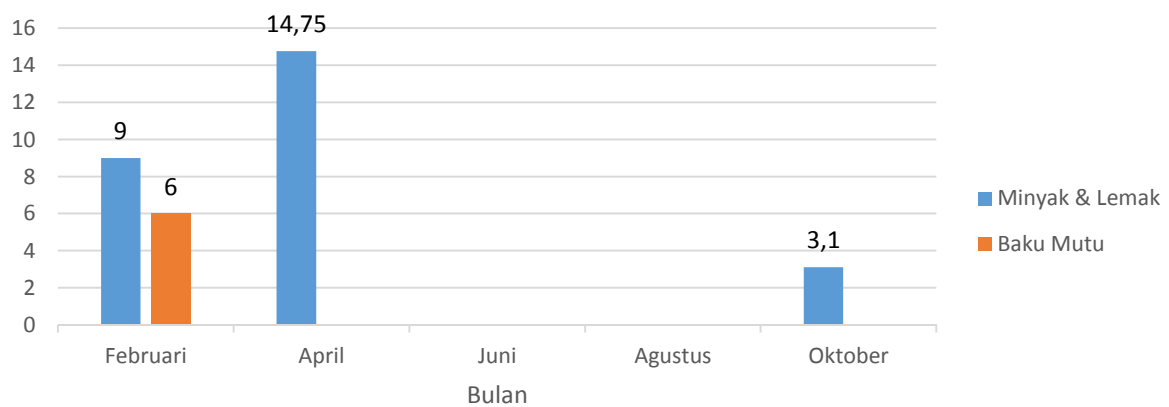
18.BOD (mg/L)



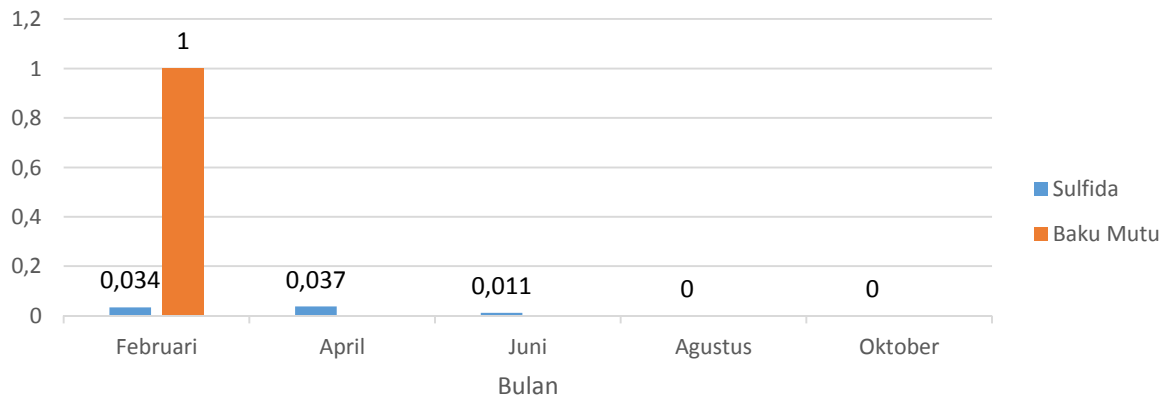
19.Cl (mg/L)



20.Minyak & Lemak (mg/L)



21.Sulfida (mg/L)



22.Coliform total (jml/100 mL)

